Appendix B Field Construction Reports

Appendix B-1 Daily Construction Reports

Vector engineering, inc.

						
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1			PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL			REPORT SEQUENCE NO. 15		
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/13/01		DAY OF WEEK Monday		
PROJECT MANAGER Don Vernon		WEATHER 44 to 90), clouds, few	showers, wind 0 to 50+mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bry				
TYPE OF WORK Field/Soils CQ/	A	·····				
Daily comunication (PERSON/COMP Dave Miller, Cris Duncan, La (Phenix), Brodie Adams (Mo	ANY), Don Vernon, Lex Strain, arry Mac, (BBWI), Brian Corb, antgomery-Watson), Lyman Lii	Craig Reese, Ma	ark Nielsen, (
950 loader, Ingersoll-Rand DD- lime spreader, feed bin, rotovat dozer, Champion 740A motor g	tractors w/ Miskin Boxes/ Pans (110 Drum roller, Cat CP-563C shor, Cat 825G compactor, Case 7; grader, 1 end dump(10 wheel), 1 e Con 1, Rad Survey 4,	eepsfoot roller, Ca 220 tractor, Cat 81	at 330BL Excar 5F compactor,	vator, John Deere 450E, disc, Cat TH63 forklift, Cat D6		
On site 7:00.						
CQA attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics were QA/CQA questions about compliance with job specifications (SWPP etc.), compaction testing on test pad sub grade and evaporation ponds areas, and possible proof rolling.						
CQA observed the final of placement of sacrificial of clay liner material. CQA with 815 compactor. CQL compactor (East side eventaterial in permanent strockpile area. CQA obs	F construction activities. CQA grading and rolling of the test play material on clay liner mixing observed beginning of recomply a observed the moisture condaporation pond area). CQA obockpile. CQA observed the play erved Rad Con (1 person) che a and continuation of Rad surresting and continuation and continuation of Rad surresting and continuation and	oad sub grade. On a grea. CQA observation of West a itioning, mixing of served contractor acement of silt feeking removed re	QA observed served the be and middle of f soils and co or excavating nce around p	I the leveling and aginning of stockpiling of evaporation ponds area empaction with dozer and Cell 1 and placing erimeter of permanent		
CQA photographed Rye Grass Flats construction activities. CQA observed contractor working on mixing, and moisture conditioning techniques of clay liner material at Rye Grass Flats. CQA observed the excavation (loader) and loading of clay liner material for delivery to the ICDF.						
CQA observed the arrival and unloading of 17 sacks of bentonite (shipping invoice lot # and sacks lot #'s matched). CQA staff tested final sub grade elevation of the test pad for moisture and density. Density tests (2) were to project specifications. Moisture check checked by Rad Con and taken to lab. Lab completed NCL#1 curve.						
CQA attended bi-weekly	construction meeting (see mi	nutes).				
Off site 17:30.						
Field book reference numbers ER-100-01 (pages 37 to 39) and ER-102-01 (Page 15 and 17).						
REVIEWED BY:	Bryan Fritzler	REPORT BY:	ta Cey	Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1 PAGE 1 of 1				
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 16		
CONTRACTOR CH2M HILL CON	onstructors, INC. DATE 8/14/01 DAY OF WEEK Tuesd				
PROJECT MANAGER Don Vernon		WEATHER 47 to 89, clouds, fev	v showers, wind 1 to 13mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/					
DAILY COMUNICATION (PERSONCOMP. Mac, (BBWI), Brian Corb, Cr (Montgomery-Watson), Lyma	raig Reese, Mark Nielsen, (Ch	Stacey Lilya, Bret Killian, Dav 12M Hill), Lance Peterson (Pl			
950 loader, Ingersoll-Rand DD- lime spreader, feed bin, rotovati dozer, Champion 740A motor g	tractors w/ Miskin Boxes/ Pans (110 Drum roller, Cat CP-563C st or, Cat 825G compactor, Case 7: rader, 1 end dump(10 wheel), 1 of Con 1, Rad Survey 2, Mountain	neepsfoot roller, Cat 330BL Exce 220 tractor, Cat 815F compactor and dump(semi), 2 Bell B40C 6x	vator, John Deere 450E, disc, , Cat TH63 forklift, Cat D6		
On site 7:00.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
CQA attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics were CQA weekly meeting to be held on Mondays, replacement of ribbon for buried service waste line, surveyors setting stakes, lab test results, review of CID#20, CQA compaction testing on evaporation ponds areas, and possible proof rolling. CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed the leveling and placement of sacrificial clay material on clay liner mixing area. CQA observed the continuation of stockpiling of clay liner material. CQA observed continued compaction of middle and East side of evaporation ponds area with 815 compactor. CQA observed the moisture conditioning, mixing of soils and compaction with dozer and compactor (East side evaporation pond area). CQA observed contractor excavating Cell 1 and placing material in permanent stockpile (D6 began cutting to stakes). CQA observed the placement of straw bale check dams (E and S sides). CQA observed Rad Con (1 person) checking removed material (from cell 1 excavation) in designated stockpile area and continuation of Rad survey. CQA observed surveyor placing control stakes in the test pad mixing and evaporation ponds (more clearing and grubbing may be needed South end) areas.					
CQA photographed Rye Grass Flats construction activities. CQA observed the excavation (loader) and loading of day liner material for delivery to the ICDF. CQA observed the placement of silt fence around topsoil stockpile.					
CQA staff began testing of existing grade in the evaporation ponds area for moisture and density (W and middle). Density tests (25) were to project specifications. CQA sampled existing soils (SG#5) for moisture density relationship testing. Density test moisture check (SGEP#1) and SG#5 checked by Rad Con and taken to lab.					
Off site 17:30.					
Field book reference numbers ER-100-01 (pages 40 to 42) and ER-102-01 (Page 18).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: to CCUY	Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 17		
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/15/01	DAY OF WEEK Wednesday		
PROJECT MANAGER Don Vernon		WEATHER 51 to 86, clouds, win	<u> </u>		
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzier			
TYPE OF WORK Field/Soils CQ/	VIDE ACTIVADIU				
	ANY) Lex Strain, Craig Bean, Brian Corb, Craig Reese, Mantgomery-Watson), Lyman Li				
966 loaders, IngRand DD-110 spreader, feed bin, rotovator, C 740A grader, 1 end dump(10 w	tractors w/ Miskin Boxes/ Pans (roller, Cat CP-563C sheepsfoot at 815F & 825G compactors, Catheel), 1 end dump(semi), 2 Bell E	roller, Cat 330BL excavator, JD see 7220 tractor, Cat TH63 forklift	450E dozer, disc, lime , Cat D6 dozer, Champion		
On site 7:00.					
CQA attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics were CQA compaction testing on evaporation ponds areas and proof rolling, surveyors checking topo for evaporation ponds foot print (growing larger), test pad construction, CCI sent samples off site for testing, beginning of moisture conditioning of clay liner material at ICDF, and checking of straw bale dam placement.					
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed proof rolling in the evaporation ponds area. CQA observed the continued leveling and placement of sacrificial clay material on clay liner mixing area. CQA observed the continuation of stockpiling of clay liner material. CQA observed stripping and grubbing in the evaporation ponds area (South end). CQA observed the moisture conditioning, mixing of soils and compaction with grader, dozer, and compactors along East side of evaporation ponds area. CQA observed contractor excavating Cell 1 and placing material in permanent stockpile. CQA observed the placement of straw bale check dams (E and S sides). CQA observed Rad Con (1 person) checking removed material (from cell 1 excavation) in designated stockpile area. CQA observed surveyor checking permanent stockpile volume and control stakes in evaporation ponds area.					
CQA photographed Rye Grass Flats construction activities. CQA observed the excavation (loader) and loading of clay liner material for delivery to the ICDF. CQA observed the placement of silt fence around topsoil stockpile.					
CQA staff continued testing of existing grade in the evaporation ponds area (middle) for moisture and density. Density tests (5) were to project specifications. CQA sampled density test SGEP#26 for moisture check. Checked by Rad Con and taken to lab, CQA observed proof rolling in the evaporation ponds area. Proof rolling began along West side and moved East 400 feet. No surface rolling or soft areas were observed.					
Off site 17:30.					
Field book reference nu	Field book reference numbers ER-100-01 (pages 43 to 44) and ER-102-01 (Page 19).				
REVIEWED BY:	Bryan Fritzler	REPORT BY: ta Cole	Erik Olhoffer		

VECTOR ENGINEERING, INC. CONSTRUCTION FIELD REPORT

		CON	SIRUCI	IUN FIELD REPURT	
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FAC	LITY PH1	PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL			REPORT SEQUENCE NO. 18	
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/16/01		DAY OF WEEK Thursday	
PROJECT MANAGER Don Vernon	ı	WEATHER 51 to 89	few clouds,	wind 2 to 24mph	
CQA MONITOR Erik Olhoffer		COA ENGINEER Brys	an Fritzler		
TYPE OF WORK Field/Soils CQ/	Α		· · · · · · · · · · · · · · · · · · ·		
	Lex Strain, Craig Bean, Brian Corb, Craig Reese, Mann, Lyman Lindstrand (Vortex)	ark Allen, (CH2M		e Miller, Cris Duncan, Larry Peterson (Phenix), Brodie	
966 loaders, ingRand DD-110 spreader, rotovator, Cat 815F 8 1 end dump(10 wheel), 1 end d	tractors w/ Miskin Boxes/ Pans () roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 tr lump(semi), 2 Bell B40C 6x6 truc Con 1, Mountain River 2, Rad Si	roller, Cat 330BL e; ractor, Cat TH63 for ks, JD 450 LC exca	xcavator, JD 4 rklift, Cat D6 o	450E dozer, disc, lime	
On site 7:00.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
CQA attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics were CQA compaction testing and proof rolling on evaporation ponds areas, test pad construction, continuing of moisture conditioning and beginning of bentonite spreading on and mixing of clay liner material at ICDF, silt fence placement (Rye Grass), continued excavation of Cell 1, and checking of straw bale dam placement. CQA also met Bob Sutherlin and discussed future CQA survey checks. CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed proof rolling in the evaporation ponds area. CQA observed the continued leveling and placement of sacrificial clay material on clay liner mixing area. CQA observed the continuation of stockpiling of clay liner material. CQA observed the beginning of moisture conditioning, spreading of bentonite, and mixing of clay liner material. CQA observed excavation of Cell 1 and placement of material in permanent stockpile and beginning of fill placement on the evaporation ponds area (N end). CQA observed dozer beginning to cut slopes of Cell 1 (N side). CQA observed the placement of straw bale check dams (E and S sides). CQA observed Rad Con (1 person) checking removed material (from cell 1 excavation) in designated					
stockpile and evaporation ponds areas. Rad survey also continued in early morning. CQA staff continued testing of existing grade in the evaporation ponds area (East side) for moisture and density. Density tests (11) were to project specifications. CQA sampled density test SGEP#31 for moisture check. CQA sampled clay stockpile for index testing (NCL#1, 2, and 3). Samples checked by Rad Con and taken to lab. CQA observed the completion of proof rolling in the evaporation ponds area (cleared for fill placement). CQA faxed bentonite submittals to CQA engineer for review (approved via phone). CQA observed clay liner on mixing table being checked for moisture (microwave) and bentonite volume placement (sampling pan and scale). CQA sampled clay liner for moisture and bentonite placement. CQA sampled sub grade soils placed on evaporation ponds (SG#6). Off site 17:30.					
Field book reference numbers ER-100-01 (pages 45 to 47) and ER-102-01 (Pages 20 to 21).					
REVIEWED BY:	Bryan Fritzler	REPORT BY:	tu Coy	Erik Olhoffer	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 19
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/17/01	DAY OF WEEK Friday
PROJECT MANAGER Don Vernon		WEATHER 49 to 90, few clouds	
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler	
TYPE OF WORK Field/Soils CQ	4		
DAILY COMUNICATION (PERSON/COMP (BBWI), Brian Corb, Mark A	ANY) Craig Bean, Stacey Lilya Ilen, (CH2M Hill), Lance Peter	a, Bret Killian, Cris Duncan, L rson (Phenix), Lyman Lindstra	arry Mac, Markus Pinzel, and (Vortex),
966 loaders, IngRand DD-110 spreader, rotovator, Cat 815F 8	tractors w/ Miskin Boxes/ Pans roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t lump(semi), 2 Bell B40C 6x6 truc Con 1,	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6	450E dozer, disc, lime
On site 7:00.			
attended CQC/CQA mee on evaporation ponds fill	ng. Topics were safety and so eting. Topics were covering of (for contractor information), of f clay liner on mixing table, an	mixing pan and clay stockpile continuing of moisture condition	es at night, density tests ning, bentonite
CQA observed the continuatorial. CQA observed observed moisture condidozer continuing to cut s	F construction activities. CQA nuation of moisture conditioning excavation of Cell 1 and fill pitioning and compaction of fill liopes of Cell 1 (W and S side cell 1 excavation) in evaporati	ng, spreading of bentonite, an lacement in the evaporation p placed in the evaporation por s). CQA observed Rad Con (*	d mixing of clay liner onds area (N end). CQA ds area. CQA observed
table 8/16. CQA discuss needed). CQA observed clay liner for clod size (C bentonite spread rates v	8/16 checked by Rad Con. O ed bentonite application with it clay liner on mixing table bein S#1, 2, and 3). CQA observe with Brian C. (sacks used vs. a on needed to meet 5% require	inspection and lab staff (large ng checked for moisture (micr d testing of sampled soils, CC amounts sampled and calculat	variations, more samples owave). CQA sampled A discussed variations in ted). Contractor decided
Off site 17:30.			
Field book reference nu	mbers ER-100-01 (pages 49 t	o 53) and ER-102-01 (Pages	22 to 23).
REVIEWED BY:	Bryan Fritzler	REPORT BY: COC	UE Erik Olhoffer ()

		CONSTRUCT	ION FIELD REPORT		
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 20		
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 8/20/01	DAY OF WEEK Monday		
PROJECT MANAGER Don Vernon	1	WEATHER 42 to 89, few clouds	, wind 1 to 31mph		
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler			
TYPE OF WORK Field/Soils CQ.	A				
	Lex Strain, Mark Cole, E arry Mac, Markus Pinzel, (BBV ontgomery-Watson), Lyman Li				
966 loaders, ingRand DD-110 spreader, rotovator, Cat 815F	H tractors w/ Miskin Boxes/ Pans D roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t dump(semi), 2 Bell B40C 6x6 truc	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6	450E dozer, disc, lime		
On site 7:00.	10011,		· · · · · · · · · · · · · · · · · · ·		
attended CQC/CQA med moisture conditioning, but	ng. Topics were safety and so eting. Topics included signs, d entonite application and mixin cavator and rock trucks, daily i	ensity tests on evaporation pog g of clay liner on mixing table	onds fill, continuing of and continued		
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed the continuation of moisture conditioning, spreading of bentonite, and mixing of clay liner material (lift 1 complete and stockpiled on test pad). CQA observed lift 2 being brought on to mixing table (moisture conditioning started). CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area (N end). CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed dozer continuing to cut slopes of Cell 1 (S side). CQA observed Rad Con (1 person) checking removed material (from cell 1 excavation) in evaporation ponds area.					
CQA observed bentonite application (1 more sack), moisture conditioning, and mixing. CQA observed clay liner on mixing table being checked for moisture (microwave). CQA sampled clay liner for moisture and CQA testing (BCL#1). CQA observed testing of sampled soils. CQA tested fill placed in evaporation ponds area for moisture and density (SGEP#42 to 59). Tests were to project specifications.					
CQA/CQC meeting 10:0	00 (see minutes).				
Off site 17:30.					
Field book reference numbers ER-100-01 (pages 54 to 55) and ER-102-01 (Pages 24 to 25).					
		1			
REVIEWED BY:	Bryan Fritzler	REPORT BY: En CO	Erik Olhoffer		

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JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 21			
CONTRACTOR CH2M HILL Con	R CH2M HILL Constructors, INC. DATE 8/21/01		DAY OF WEEK Tuesday			
PROJECT MANAGER Don Vernon		WEATHER 52 to 86, few clouds				
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler				
TYPE OF WORK Field/Soils CQ/	A	·				
DAILY COMUNICATION (PERSON/COMP Duncan, Larry Mac, Markus Adams (Montgomery-Watso	Pinzel, (BBWI), Brian Corb, N	, Tom Borschel, Craig Bean, S Mark Allen, (CH2M Hill), Lance	Stacey Lilya, Bret Killian, Cris e Peterson (Phenix), Brodie			
966 loaders, IngRand DD-110 spreader, rotovator, Cat 815F 8 1 end dump(10 wheel), 1 end d	I tractors w/ Miskin Boxes/ Pans o roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t fump(semi), 2 Bell B40C 6x6 truc Con 1, Mountain River 2,	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6	450E dozer, disc, lime			
On site 7:00.	CONT., MOUNTAINTITY ET 2,					
attended CQC/CQA mee conditioning, bentonite a excavation of Cell 1, fill p	ng. Topics were safety and so sting. Topics included density pplication and mixing of clay I placement in evaporation pond liner test pad compaction/test	tests on evaporation ponds fil iner on mixing table (unit weig ds area, test pits in Cell 1 (loo	I, continuing of moisture hts), continued			
CQA observed the continuaterial (lift 2, called bat compaction of first lift on the evaporation ponds a of fill placed in the evaporation.	F construction activities. CQA nuation of moisture conditioning ch 2) halted due to wind/blow one lane (lane A, 90'x50). Control and permanent stockpile. Oration ponds area. CQA observation ponds area. CQA observation ponds area. CQA observation ponds area.	ng, spreading of bentonite, an ing bentonite. CQA observed QA observed excavation of Ce CQA observed moisture concerved loads of clay arriving fro	d mixing of clay liner placement and all 1 and fill placement in litioning and compaction m Rye Grass Flats. CQA			
liner on mixing table and	pled bentonite application, mo I test pad being checked for moled clay liner for moisture and nsity (2 and 4 passes).	noisture (microwave). CQA me	easured material on			
Off site 17:30.						
Field book reference nur	mbers ER-100-01 (pages 56 t	o 57) and ER-102-01 (Page 2	6).			
REVIEWED BY:	Bryan Fritzler	REPORT BY: 1/2 (OC	Frik Olhoffer is			

Vector engineering, inc.

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JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1				
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 22			
CONTRACTOR CH2M HILL CON	Istructors, INC. DATE 8/22/01		DAY OF WEEK Wednesday			
PROJECT MANAGER Don Vernon		WEATHER 44 to 85, few clouds	, wind 2 to 15mph			
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler				
TYPE OF WORK Field/Soils CQ						
DAILY COMUNICATION (PERSON/COMP Pinzel, (BBWI), Brian Corb, Watson),	ANY) Lex Strain, Craig Bean, Mark Allen, (CH2M Hill), Land	Stacey Lilya, Bret Killian, Cris e Peterson (Phenix), Brodie A				
966 loaders, IngRand DD-110 spreader, rotovator, Cat 815F 8 end dump(semi), 2 Bell B40C 6	I tractors w/ Miskin Boxes/ Pans orlier, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t ex6 trucks, JD 450 LC excavator, Con 1, Mountain River 2,	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6	450E dozer, disc, lime			
On site 7:00.						
attended CQC/CQA mee continuing of moisture of	ng. Topics were safety and so sting. Topics included density anditioning, bentonite applicat ntinued excavation of Cell 1, t	tests on evaporation ponds fill ion and mixing of clay liner on	l/progress (pull curve), mixing table (after safety			
CQA observed the continuaterial (batch 2 completial placement in the evaporation of fill placements. CQA obserchecking material excav	F construction activities. CQA nuation of moisture conditioning etc, batch 3 brought onto table poration ponds area and permand aced in the evaporation ponds wed dozer continuing to cut sle ated from Cell 1. CQA observived the removal and stockpili	ng, spreading of bentonite, and started). CQA observed canent stockpile. CQA observed carea. CQA observed loads or opes of Cell 1 (S side). CQA observed surveyors placing control s	d mixing of clay liner excavation of Cell 1 and ed moisture conditioning f clay arriving from Rye abserved Rad con etakes in evaporation			
table and test pad being continued testing fill place one area below project s	e application, moisture condition checked for moisture (microwold on evaporation ponds for specifications (SGEP#66). The B). CQA sampled evaporation	vave). CQA measured materia moisture and density (SGEP# e area was reworked, re-teste	al on mixing table. CQA 60 to 90). CQA located			
Off site 17:30.						
Field book reference nu	mbers ER-100-01 (pages 58 t	to 60) and ER-102-01 (Pages	27 to 28).			
		1 00				
REVIEWED BY	Bryan Fritzler	REPORT BY: En COM	Frik Olhoffer B			

Vector engineering, inc.

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JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1				
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 23			
CONTRACTOR CH2M HILL Con	TOR CH2M HILL Constructors, INC. DATE 8/23/01					
CONTRACTOR CH2M HILL Constructors, INC. DATE 8/23/01 DAY OF THE PROJECT MANAGER DON VERNON DAY OF THE PROJECT MANAGER A44 to 85, clear, wind 2 to 3						
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler				
TYPE OF WORK Field/Soils CQ	A					
DAILY COMUNICATION (PERSON/COMP Markus Pinzel, (BBWI), Bria (Montgomery-Watson),	ANY) Lex Strain, Craig Bean, in Corb, Mark Allen, (CH2M H	Stacey Lilya, Curtis Reay, Cri ill), Lance Peterson (Phenix),	s Duncan, Larry Mac, Brodie Adams			
966 loaders, IngRand DD-110 spreader, rotovator, Cat 815F &	I tractors w/ Miskin Boxes/ Pans o roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t ex6 trucks, JD 450 LC excavator, Con 1.	roller, Cat 330BL excavator, JD	450E dozer, disc, lime			
On site 6:00.						
attended CQC/CQA mee moisture conditioning, be	ng. Topics were safety and so eting. Topics included density entonite application and mixing vaporation ponds area, sign p	tests on evaporation ponds fil g of clay liner on mixing table,	Uprogress, continuing of continued excavation of			
CQA observed the continuaterial (batch 3 comple fill placement in the evapand compaction of fill placement in the evapand compaction of fill placement in the evapand compaction of fill placement.	F construction activities. CQA nuation of moisture conditioning ste, batch 4 brought onto table poration ponds area and permand aced in the evaporation ponds cQA observed placement and	ng, spreading of bentonite, an and started). CQA observed anent stockpile. CQA observe area. CQA observed Rad co	d mixing of clay liner excavation of Cell 1 and ed moisture conditioning n checking material			
table and test pad being ponds for moisture and c	e application, moisture condition checked for moisture (micrown density (SGEP#91 to 102). De cod on clay liner test pad (2 ar project specifications.	vave). CQA continued testing ensity tests were to project spo	fill placed on evaporation ecifications. CQA			
Off site 17:30.			,			
Field book reference numbers ER-100-01 (pages 61 to 63) and ER-102-01 (Page 29).						
DEVIEWED BY	Bryan Fritzler	REPORT BY: La COM	LA Erik Olhoffer B			
REVIEWED BY:	<u> biyan ritzler</u>	INCLOKED! 1/0	Erik Olhoffer is			

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JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 24		
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 8/24/01	DAY OF WEEK Friday		
PROJECT MANAGER Don Vernon		WEATHER 49 to 84, clouds AM	, wind 0 to 22mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQA					
DAILY COMUNICATION (PERSON/COMP Corb, Mark Allen, Mark N. (ANY) Lex Strain, Craig Bean, CH2M Hill), Lance Peterson (I	Stacey Lilya, Bret Killian, Cris Phenix), Brodie Adams (Mont			
966 loaders, ingRand DD-110 spreader, rotovator, Cat 815F	I tractors w/ Miskin Boxes/ Pans o roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t & trucks, JD 450 LC excavator, Con 1,	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6	450E dozer, disc, lime		
On site 6:00.					
attended CQC/CQA mee moisture conditioning, be	ng. Topics were safety and so sting. Topics included density entonite application and mixing vaporation ponds area, and d	tests on evaporation ponds fi g of clay liner on mixing table	Il/progress, continuing of , continued excavation of		
CQA observed the conti- material (batch 4 comple Rye Grass Flats borrow area and permanent sto evaporation ponds area. placement and compact	F construction activities. CQA nuation of moisture conditioning te, batch 5 brought onto table area. CQA observed excavatickpile. CQA observed moisture. CQA observed moisture to fifts in the test pad area oiling of detected Rad areas from the control of the con	ng, spreading of bentonite, ar and started). CQA observed on of Cell 1 and fill placemen to conditioning and compaction king material excavated from . CQA observed the completion	nd mixing of clay liner natural clay arriving from t in the evaporation ponds on of fill placed in the Cell 1. CQA observed		
CQA observed clay lines sampled bentonite clay evaporation ponds for m CQA continued testing f moisture and density. C	e application, moisture condition on mixing table and test pad liner material for required CQ/loisture and density (SGEP#1 ill placed on clay liner test pad ompleted lifts were to project a silt fences and informed con	being checked for moisture (in A tests (BCL#2). CQA continuous to 112). Density tests were to (lifts 2 and 3, at 2, 4, and 6 procifications. CQA measure	microwave). CQA led testing fill placed on le to project specifications. leasses, (anes A and B) for		
Off site 17:30.					
Field book reference nu	mbers ER-100-01 (pages 64 t	o 66) and ER-102-01 (Page 3	30 to 31).		
REVIEWED BY	Bryan Fritzler	REPORT BY EU CO	SULF Erik Olhoffer 15		

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JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 25
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/27/01	DAY OF WEEK Monday
PROJECT MANAGER Don Vernon		WEATHER 47 to 89, clouds, win	d 0 to 10 mph
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler	
TYPE OF WORK Field/Soils CQ/	Α		
(Montgomery-Watson), EQUIPMENT ON SITE: 5-Case III 966 loaders, IngRand DD-110	ANY) Don Vernon, Craig Bear n Corb, Mark Allen, (CH2M H tractors w/ Miskin Boxes/ Pans or roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 t	(14cy), 2-H2O Trucks (4000 gal), roller, Cat 330BL excavator, JD	Brodie Adams Cat 143H grader, Cat 950 and 450E dozer, disc, lime
end dump(semi), 2 Bell B40C 6	6x6 trucks, JD 450 LC excavator,		, , , , , , , , , , , , , , , , , , ,
On site 6:00.	Con 1,		
attended CQC/CQA mee continuing of moisture co excavation of Cell 1, beg	ng. Topics were safety and so eting. Topics included density anditioning, bentonite applicat pinning of stockpiling of LCRS density testing in test pad area	tests on evaporation ponds fil ion, and mixing of clay liner or and operations material, NCF	I and progress, n mixing table, continued
CQA observed the continuatorial (batch 5 comple fill placement in the evaporation placed in the evaporation	F construction activities. CQA nuation of moisture conditioning, the patch 6 brought onto table poration ponds area and permof temporary stockpile). CQA in ponds area. CQA observed int and compaction of lifts in the	ng, spreading of bentonite, and and started). CQA observed anent stockpile. CQA observe observed moisture conditionin Rad con checking material ex	d mixing of clay liner excavation of Cell 1 and ed the beginning of LCRS ng and compaction of fill
CQA observed clay liner received bentonite clay I moisture and density. Co lanes A and B) for moist	e application, moisture condition on mixing table and test pad liner curve from lab (BCL#2). QA continued testing fill place ture and density. Completed littness. CQA checked silt fence	being checked for moisture (ne CQA did not test fill placed on don clay liner test pad (lifts 3 fts were to project specification)	nicrowave). CQA evaporation ponds for and 4, at 4 and 6 passes,
Off site 20:00.			
Field book reference nu	mbers ER-100-01 (pages 67 t	o 69) and ER-102-01 (Page 3	2 to 33).
DEVIEWED BY	Boyon Eritator	REPORT BY: MA C (Q)	U.A Erik Olhaffar

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 26			
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 8/28/01	DAY OF WEEK Tuesday			
PROJECT MANAGER Don Vernon		WEATHER 47 to 92, clear, wind	1 to 16 mph			
caa MONITOR Erik Olhoffer		coa engineer Bryan Fritzler				
TYPE OF WORK Field/Soils CQ/	A					
DAILY COMUNICATION (PERSON/COMP Mac, Markus Pinzel, (BBWI) (Montgomery-Watson),	^{ANY)} Don Vemon, Lex Strain, , Brian Corb, Mark Allen, (CH	Craig Bean, Stacey Lilya, Br 2M Hill), Lance Peterson (Ph				
966 loaders, IngRand DD-110 spreader, rotovator, Cat 815F 8 end dump(semi), 2 Bell B40C 6	H tractors w/ Miskin Boxes/ Pans o roller, Cat CP-563C sheepsfoot & 825G compactors, Case 7220 to ox6 trucks, JD 450 LC excavator, Con 1, Rad Survey 2, Mountain	roller, Cat 330BL excavator, JD ractor, Cat TH63 forklift, Cat D6 White Field Boss 2-85 tractor,	450E dozer, disc, lime			
On site 6:00.			4			
attended CQC/CQA mee design change, dropping conditioning, bentonite a	ng. Topics were safety and so eting. Topics included density grades and moving east awa pplication, and mixing of clay g of LCRS and operations ma	tests on evaporation ponds fill by from power lines), continuir liner on mixing table, continue	Il and progress (possible ag of moisture ed excavation of Cell 1,			
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed the continuation of moisture conditioning, spreading of bentonite, and mixing of clay liner material (batch 6 complete, batch 7 brought onto table and completed). CQA observed natural clay arriving from Rye Grass Flats borrow area. CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area, LCRS/operations layer, and permanent stockpile. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed Rad con checking material excavated from Cell 1. In situ Rad survey completing final areas. CQA observed surveyors placing control stakes and checking grades in evaporation ponds area. CQA observed placement and compaction of lifts in the test pad area. CQA observed perimeter CERCLA signs being removed (placed around Rad stockpile).						
CQA observed bentonite application, moisture conditioning, and mixing (wind slowed application). CQA sampled bentonite application. CQA observed day liner on mixing table and test pad being checked for moisture (microwave). CQA sampled bentonite clay liner (batch #6) per CQA plan (BCL#3). CQA also sampled natural day for index testing (NCL#4 and 5). CQA tested fill placed on evaporation ponds for moisture and density (SGEP#113 to 148, 2 nd lift complete). Density tests were to project specifications. CQA continued testing fill placed on clay liner test pad (lifts 4 and 5, at 4 and 5 passes, lanes A and B) for moisture and density. Completed lifts were to project specifications. CQA measured test pad for size and lift thickness.						
Off site 20:00.						
Field book reference nu	mbers ER-100-01 (pages 70	to 72) and ER-102-01 (Page 3	34).			
REVIEWED BY:	Bryan Fritzler	REPORT BY: EM C.	WAR Frik Olhoffer			

		CONSTRUC	TION FIELD REPORT	
JOB NO. 011211.00	PROJECT NAME INEEL C	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		
LOCATION INEEL	CLIENT BECHTEL	CLIENT BECHTEL		
CONTRACTOR CH2M HILL Constructors, INC. DATE 8/29/01		DAY OF WEEK Wednesday		
PROJECT MANAGER Don Vernon		weather 47 to 90, clear, win	WEATHER 47 to 90, clear, wind 1 to 16 mph	
caa monitor Erik Olhoffer		COA ENGINEER Bryan Fritzler	COA ENGINEER Bryan Fritzler	
TYPE OF WORK Field/Soils	CQA			
	Don venion, Lex	Strain, Craig Bean, Stacey Lilya, B orb, Mark Allen, Craig Reese, Mark ntgomery-Watson),	ret Killian, Cris Duncan, Larry Nielson, Jay Dehner, (CH2M	

EQUIPMENT ON SITE: 5-Case IH tractors w/ Miskin Boxes/ Pans (14cy), 2-H2O Trucks (4000 gal), Cat 143H grader, Cat 950 and 966 loaders, Ing.-Rand DD-110 roller, Cat CP-563C sheepsfoot roller, Cat 330BL excavator, JD 450E dozer, disc, lime spreader, rotovator, Cat 815F & 825G compactors, Case 7220 tractor, Cat TH63 forklift, Cat D6 and D8 dozers, 1 end dump(10 wheel), 1 end dump(semi), 2 Bell B40C 6x6 trucks, JD 450 LC excavator, White Field Boss 2-85 tractor,

CREW ON SITE: Phenix 15, Rad Con 1, Mountain River 2,

On site 6:00.

CQA attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics included density tests on evaporation ponds fill and progress, continuing of moisture conditioning, bentonite application, and mixing of clay liner on mixing table, continued excavation of Cell 1, continuation of stockpiling of LCRS and operations material, and construction of and density testing in test pad area.

CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed the continuation of moisture conditioning, spreading of bentonite, and mixing of clay liner material (batch 7 stripped, batch 8 brought onto table, completed, and stockpiled on test pad). CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area, LCRS/operations layer, and permanent stockpile. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed Rad con checking material excavated from Cell 1. CQA observed surveyors placing control stakes and checking grades in evaporation ponds area. CQA observed placement and compaction of lifts in the test pad area. CQA observed repairs to silt fencing.

CQA observed bentonite application, moisture conditioning, and mixing (wind slowed application). CQA sampled bentonite application. CQA observed day liner on mixing table and test pad being checked for moisture (microwave). CQA sampled bentonite day liner (batch #7) per CQA plan (BCL#4). CQA did not test fill placed on evaporation ponds. CQA continued testing fill placed on day liner test pad (lifts 5, 6, and 7, at 4 and 5 passes, lanes A and B 2 lifts each) for moisture and density. Completed lifts were to project specifications. CQA measured test pad for size and lift thickness.

Construction/CQA meeting held at 10:00 (see minutes).

Off site 18:30

Field book reference numbers ER-100-01 (pages 73 to 74) and ER-102-01 (Page 35).

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REVIEWED BY:	Bryan Fritzler	REPORT BY: En COUN	Erik Olhoffer ?	

			TOTAL IEED IVEL OVA	
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 28	
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/30/01	DAY OF WEEK Thursday	
PROJECT MANAGER Don Vernon	ı	WEATHER 47 to 90, clouds, T-s	h. PM, wind 1 to 16+mph	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CQ/	Α			
DAILY COMUNICATION (PERSON/COMP. Miller, (BBWI), Brian Corb, M (Vortex), Brodie Adams (Mo	Mark Allen, Craig Reese, (CH	Stacey Lilya, Bret Killian, Cris 2M Hill), Lance Peterson (Phe		
966 loaders, IngRand DD-110 rotovator, Cat 815F & 825G co	I tractors w/ Miskin Boxes/ Pans O roller, Cat CP-563C sheep. rolle Impactors, Case 7220 tractor, Cat Exc trucks, Cat D25D and 730 tru I Con 1,	er, Cat 330BL excavator, JD 450B t TH63 forklift, Cat D6 and D8 do	E dozer, disc, lime spreader, zers, 1 end dump(10 wheel), 1	
On site 6:30.				
attended CQC/CQA mee moved down 3'), continu- manufactures installation construction and density CQA photographed ICDI CQA observed excavation and permanent stockpile evaporation ponds area 1. CQA observed drying	ng. Topics were safety and so eting. Topics included density led excavation of Cell 1, contin in instructions for silt fence (new testing in test pad area (final F construction activities. CQA on of Cell 1 and fill placement by CQA observed moisture cor (one area reworked). CQA ob out, placement, and compact	tests on evaporation ponds fil nuation of stockpiling of LCRS w shipment on site 8/29), and lifts and repair procedures). A observed water trucks water in the evaporation ponds area nditioning and compaction of fileserved Rad con checking mation of lifts in the test pad area	I and progress (final ele. and bedding material, completion of ing site for dust control. a, LCRS/operations layer, ill placed in the terial excavated from Cell CQA observed 10' x 20'	
x 6" area of each lane being ripped, rotovated, and recompacted for repair procedure. CQA observed stockpiling of natural clay on mixing table. CQA observed clay liner on test pad being dried back and being checked for moisture (microwave). CQA received curve results for BCL#3. CQA testing fill placed on evaporation ponds (SGEP#149 to 166). CQA tested one area that was below project specifications (SGEP#155). The area was reworked, compacted, and retested to project specifications (SGEP#167). CQA continued testing fill placed on clay liner test pad (final lifts at 4 and 5 passes, lanes A and B) for moisture and density. Completed lifts were to project specifications. CQA also tested repaired areas for moisture and density. Repairs were to project specifications. CQA sampled repaired areas for permeability (1 sample each lane, Lane B appeared wet).				
Off site 20:00.	•			
Field book reference nu	mbers ER-100-01 (pages 75 t	to 77) and ER-102-01 (Page 3	6 and 37).	
REVIEWED BY:	Bryan Fritzler	REPORT BY: tu COL	ALE Erik Olhoffer	
			V	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 29		
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 8/31/01	DAY OF WEEK Friday		
PROJECT MANAGER Don Vernon		WEATHER 48 to 88, clouds, win	d 0 to 25mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	Α				
DAILY COMUNICATION (PERSON/COMP. Peterson (Phenix), Brodie A	ANY) Stacey Lilya, Bret Killia dams (Montgomery-Watson),	n, Cris Duncan, (BBWI), Craig	Reese, (CH2M Hill), Lance		
966 loaders, ingRand DD-110 rotovator, Cat D6 and D8 dozer	roller, Cat CP-563C sheeps rollers, 2 Bell B40C 6x6 trucks, Cat D	(14cy), 2-H2O Trucks (4000 gal), er, 2-Cat 330BL excavators, JD 4 l25D and 730 trucks, JD 450 LC	50E dozer, disc, lime spreader,		
REVIEWED BY:	Brvan Fritzler	REPORT BY: On COM	Lik Olhoffer		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 30		
CH2M HILL Con	structors, INC.	DATE 9/4/01	DAY OF WEEK Tuesday		
PROJECT MANAGER Don Vernon		WEATHER 42 to 93, clouds, wir	nd 1 to 27mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
DAILY COMUNICATION (PERSON/COMP Mc Manamon, (BBWI), Brian (Montgomery-Watson),	Lex Suairi, Dave Willer,	Stacey Lilya, Russ Jones, Br len, (CH2M Hill), Lance Peter			
966 loaders, 2-IngRand DD-1 spreader, rotovator, Cat D6 and	10 rollers, Cat CP-563C sheeps	(14cy), 2-H2O Trucks (4000 gal) roller, 2-Cat 330BL excavators, J cks, Cat D25D and 730 trucks, J	D 450E dozer, disc, lime		
attended CQC/CQA mee excavation of Cell 1, rem placement of silt fences CQA photographed ICDI CQA observed excavatio and permanent stockpile compaction of fill placed from Cell 1. CQA observe	eting. Topics included density noval of silty material soil from around stockpiles, and contine construction activities. CQA on of Cell 1 and fill placement and cobserved cutting of side in the evaporation ponds are red surveyor placing stakes in	cope of work to be done today tests on evaporation ponds fil North side of Cell 1 (haul to puation of stockpiling of LCRS) a observed water trucks water in the evaporation ponds are pes in Cell I. CQA observed II. CQA observed II. CQA observed II. CQA observed III.	Il and progress, continued permanent stockpile), and bedding material. ing site for dust control. a, LCRS/operations layer, molsture conditioning and ecking material excavated		
trenches and placement of silt fences around stockpiles and SE corner of site. CQA testing fill placed on evaporation ponds 4 th lift (SGEP#191 to 210). Density results with moisture density gauge were to project specifications.					
Off site 18:30.					
Field book reference numbers ER-100-01 (pages 81 to 82) and ER-102-01 (Page 39).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: In Cla	WE Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 31		
CH2M HILL Con	structors, INC.	DATE 9/5/01	DAY OF WEEK Wednesday		
PROJECT MANAGER Don Vernon		WEATHER 61 to 84, clouds, win	d 1 to 30mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
	el, (BBWI), Brian Corb, Craig	Stacey Lilya, Russ Jones, Br Reese, Mark Allen, (CH2M Hi en Criley (Vector), Dan Kenne	II), Lance Peterson (Phenix),		
966 loaders, 2-ingRand DD-1 spreader, rotovator, Cat D6 and	10 rollers, Cat CP-563C sheeps of D8 dozers, 2 Bell B40C 6x6 true	(14cy), 2-H2O Trucks (4000 gal), roller, 2-Cat 330BL excavators, Jcks, Cat D25D and 730 trucks, J	D 450E dozer, disc, lime		
REVIEWED BY:	Bryan Fritzler	REPORT BY: In CU	WA Erik Olhoffer B		

Vector engineering, inc.

				
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 32	
CONTRACTOR CH2M HILL CO	nstructors, INC.	DATE 9/6/01	DAY OF WEEK Thursday	
PROJECT MANAGER Don Vernor	n	WEATHER 40 to 55, clouds, wir	nd 4 to 31mph	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CO	ıA			
DAILY COMUNICATION (PERSONCOM Allen, (CH2M Hill), Lance P (Vector), Kevin Harris (Nort	eterson (Phenix), Brodie Adai	a, Bret Killian, Cris Duncan, (E ns, Phillip Crouse, (Montgom		
966 loaders, 2-IngRand DD- spreader, rotovator, Cat D6 ar excavator,	H tractors w/ Miskin Boxes/ Pans 110 rollers, Cat CP-563C sheeps d D8 dozers, 2 Bell B40C 6x6 tru	roller, 2-Cat 330BL excavators, J	ID 450E dozer, disc, lime	
On site 7:00.	Con 1,			
attended CQC/CQA me continued excavation of need of silt fence install berm, and continuation CQA photographed ICD CQA observed excavati and permanent stockpill compaction of fill placed	ing. Topics were safety and so eting. Topics included density Cell 1, continuation of Boutwe ation instructions, continuation of stockpiling of LCRS and be F construction activities. CQ/ ion of Cell 1 and fill placement e. CQA observed cutting of slo tin the evaporation ponds are	tests / locations evaporation ell placement, placement of cu n of over excavation of silty mand dding material. A observed water trucks water in the evaporation ponds area opes in Cell I. CQA observed in	ponds fill and progress, ulverts at Rye Grass Flats, aterial from around Cell 1 ring site for dust control. a, LCRS/operations layer, moisture conditioning and	
tests with moisture dens 240). CQA continued Bo	n ponds fill for moisture and de sity gauge were to project spe outwell placement (cleaned ou ayers - lane B, auguring holes	cifications. CQA located areas at and leveled holes, placemen	s tested (SGEP#212 to nt of PVC pipes into	
CQA attended test pad	construction review meeting a	et 9:00.		
Off site 18:30.	•			
Field book reference nu	ımbers ER-100-01 (pages 85 f	to 86) and ER-102-01 (Page 4	11 to 43).	
REVIEWED BY:	Bryan Fritzler	REPORT BY: M. CO	WA Erik Olhoffer &	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 33		
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 9/7/01	DAY OF WEEK Friday		
PROJECT MANAGER Don Vernon		WEATHER 31 to 65, clouds, win	d 1 to 35 mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	A				
DAILY COMUNICATION (PERSON/COMP. Corb, Mark Allen, (CH2M Hi	ANY) Lex Strain, Don Vernon II), Lance Peterson (Phenix), I	, Stacey Lilya, Bret Killian, Cr Ken Criley (Vector),	is Duncan, (BBWI), Brian		
966 loaders, 2-IngRand DD-1	I tractors w/ Miskin Boxes/ Pans 10 rollers, Cat CP-563C sheeps of 1 D8 dozers, 2 Bell B40C 6x6 true Con 1,	roller, 2-Cat 330BL excavators, J	D 450E dozer, disc, lime		
On site 7:00.					
attended CQC/CQA mee continued excavation of	ng. Topics were safety and so ting. Topics included density Cell 1, continuation of Boutwe Il 1 berm, and continuation of	tests / locations evaporation p	onds fill and progress, over excavation of silty		
CQA observed excavation and permanent stockpile	F construction activities. CQA on of Cell 1 and fill placement c. CQA observed cutting of slo in the evaporation ponds area.	in the evaporation ponds area pes in Cell I. CQA observed r	a, LCRS/operations layer, noisture conditioning and		
CQA tested evaporation ponds fill for moisture and density (lift 5, south end and lift 6, north end). One density test with moisture density gauge was below project specifications. The area was recompacted and retested to project specifications. CQA located areas tested (SGEP#240 to 281). CQA continued Boutwell placement (filled holes, set up burette stands, (1B to 6B), placing Boutwell pipes, layer of bentonite, (1A, 4A, and 5A) augured final holes (TEG and swell / temperature). CQA sampled bottom of placed Boutwells for moisture.					
Off site 18:30.					
Field book reference numbers ER-100-01 (pages 87 to 88) and ER-102-01 (Page 44).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: UN CO	Erik Olhoffer []		

Vector engineering, inc.

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 34		
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 9/10/01	DAY OF WEEK Monday		
PROJECT MANAGER Don Vernon		WEATHER 37 to 83, clear , wind	1 2 to 13 mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
DAILY COMUNICATION (PERSON/COMP) Cris Duncan, (BBWI), Brian (Vector),	Lex Strain, Don verron	n, Craig Bean, Stacey Lilya, Br nn, (CH2M Hill), Lance Peterso			
and 966 loaders, 2-ingRand D spreader, rotovator, Cat D6 and excavator,	D-110 rollers, Cat CP-563C she	ans (14cy), 2-H2O Trucks (4000 eps roller, 2-Cat 330BL excavato cks, Cat D25D and 730 trucks, J	rs, JD 450E dozer, disc, lime		
On site 7:00.	Con 1, Mountain River 2,				
CQA attended CQC/CQ/ progress, continued exce of silty material from arou CQA photographed ICDI CQA observed excavatio and permanent stockpile	A meeting. Topics included deavation of Cell 1, continuation und Cell 1 berm, and continuation construction activities. CQA on of Cell 1 and fill placement. CQA observed cutting of slo	and scope of work to be done to ensity tests / locations evapora of Boutwell placement, continuation of stockpiling of LCRS are a observed water trucks water in the evaporation ponds area opes in Cell 1. CQA observed a. CQA observed Rad con che	ation ponds fill and aution of over excavation and bedding material. In site for dust control. In LCRS/operations layer, moisture conditioning and		
from Cell 1. Surveyor set CQA tested evaporation tests with moisture dens 312). CQA continued Bo Boutwell pipes, layers of	tting controls in evaporation p ponds fill for moisture and de ity gauge were to project spec utwell placement (filled holes	onds, Cell 1, and topos of sto insity (lift 6, south end and lift cifications. CQA located areas with H2O, set up burette tube filled holes with H2O, (1A, 4A	ckpiles for volume. 7, north end). Density tested (SGEP#282 to s, (1B to 6B), placing		
Off site 18:30.					
Field book reference numbers ER-100-01 (pages 89 to 90) and ER-102-01 (Page 45).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: In Col	Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 35		
CONTRACTOR CH2M HILL Con	CONTRACTOR CH2M HILL Constructors, INC. DATE 9/11/01		DAY OF WEEK Tuesday		
PROJECT MANAGER Don Vernon		WEATHER 37 to 82, clear, wind	1		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
	ANY) Lex Strain, Don Vernon Cris Duncan, Dave Miller, (BB n (Phenix), Ken Criley (Vector				
and 966 loaders, 2-ingRand [se IH tractors w/ Miskin Boxes/ P DD-110 rollers, Cat CP-563C she 1 D8 dozers, 2 Bell B40C 6x6 tru	eps roller, 2-Cat 330BL excavato	ors, JD 450E dozer, disc, lime		
On site 7:00.	0011,				
CQA attended CQC/CQ/ progress, continued exca	neeting. Topics were safety as A meeting. Topics included de evation of Cell 1, continuation and Cell 1 berm, and continua	ensity tests / locations evapora of Boutwell placement, contin	ation ponds fill and nuation of over excavation		
CQA observed excavation and permanent stockpile	F construction activities. CQA on of Cell 1 and fill placement c. CQA observed cutting of sid in the evaporation ponds are	in the evaporation ponds are spes in Cell 1. CQA observed	a, LCRS/operations layer, moisture conditioning and		
gauge were to project sp	ponds fill for moisture and de pecifications. CQA located are d holes with H2O, setting up l)).	as tested (SGEP#313 to 317). CQA continued		
Work halted at 9:35.					
Off site 10:00.					
Field book reference numbers ER-100-01 (page 91) and ER-102-01 (Page 46).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: La Co	CUL & Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 36			
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 9/12/01	DAY OF WEEK Wednesday			
PROJECT MANAGER Don Vernon		WEATHER 52 to 71, cloudy sho	wers , wind 1 to 16 mph			
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler				
TYPE OF WORK Field/Soils CQ/	4	·				
DAILY COMUNICATION (PERSON/COMP Brian Corb, Craig Reese, (C	Lex Suam, Craig Deam,	Stacey Lilya, Bret Killian, Cri (Vortex), Lance Peterson (Ph	s Duncan, Larry M. (BBWI), enix), Ken Criley (Vector),			
and 966 loaders, 2-ingRand D	D-110 rollers, Cat CP-563C she 1 D8 dozers, 2 Bell B40C 6x6 tru	ans (14cy), 2-H2O Trucks (4000 eps roller, 2-Cat 330BL excavato cks, Cat D25D and 730 trucks, J	rs, JD 450E dozer, disc, lime			
On site 7:00.						
CQA attended CQC/CQ/ progress, continued excee excavation of silty material. CQA photographed ICDI CQA observed excavation and permanent stockpile compaction of fill placed	A meeting. Topics included deavation of Cell 1, continuation all from around Cell 1 berm, a construction activities. CQA on of Cell 1 and fill placement and CQA observed cutting of stoin the evaporation ponds are	nd scope of work to be done to ensity tests / locations evapore of Boutwell placement / testing and continuation of stockpiling to observed water trucks water in the evaporation ponds area opes in Cell 1. CQA observed a. CQA observed scarifying an con checking material excavate	ation ponds fill and ag, continuation of over of LCRS and bedding ing site for dust control. a, LCRS/operations layer, moisture conditioning and moisture conditioning			
CQA tested evaporation ponds fill for moisture and density (lift 7, S end, lift 8, N end). Density tests with moisture density gauge were to project specifications. CQA located areas tested (SGEP#318 to 344). CQA continued Boutwell placement (filled holes with H2O and setting up burette stands, 1A, 2A, 3A, 4A, 5A, and 6A). CQA began taking readings on BW 1B, 2B, 3B, 4B, 5B, and 6B. CQA began entering readings into spreadsheets.						
Off site 18:00.						
Field book reference numbers ER-100-01 (pages 92 to 93) and ER-102-01 (Page 47).						
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		· ·				
REVIEWED BY:	Bryan Fritzler	REPORT BY: UL CO	MA Frik Olhoffer R			

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 37	
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 9/13/01	DAY OF WEEK Thursday	
PROJECT MANAGER Don Vernon		WEATHER 51 to 70, cloudy sho	wers, wind 1 to 30 mph	
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler		
TYPE OF WORK Field/Soils CQ	Α			
DAILY COMUNICATION (PERSONCOMP Craig Reese, (CH2M Hill), L	ANY) Lex Strain, Stacey Lilya yman Lindstrand (Vortex), La	a, Bret Killian, Cris Duncan, La nce Peterson (Phenix), Ken C	arry M. (BBWI), Brian Corb, riley (Vector),	
and 966 loaders, 2-ingRand I spreader, rotovator, Cat D6 and excavator,	se IH tractors w/ Miskin Boxes/ P DD-110 rollers, Cat CP-563C she d D8 dozers, 2 Bell B40C 6x6 tru Con 1, Mountain River 2,	eps roller, 2-Cat 330BL excavato	rs, JD 450E dozer, disc, lime	
CQA attended CQC/CQ, progress, continued exceedant of silty mater material. CQA photographed ICD CQA observed excavation and permanent stockpile compaction of fill placed	neeting. Topics were safety a A meeting. Topics included deavation of Cell 1, continuation ial from around Cell 1 berm, a F construction activities. CQA on of Cell 1 and fill placement a. CQA observed cutting of ske in the evaporation ponds are f Cell 1 embankment. CQA obting controls.	ensity tests / locations evapone of Boutwell placement / testing and continuation of stockpiling a observed water trucks water in the evaporation ponds are opes in Cell 1. CQA observed a. CQA observed moisture co	ation ponds fill and ang, continuation of over of LCRS and bedding ang site for dust control. a, LCRS/operations layer, moisture conditioning and and inditioning and	
CQA tested evaporation ponds fill for moisture and density (lift 8, S end, lift 9, N end). Density tests with moisture density gauge were to project specifications. CQA located areas tested (SGEP#345 to 371). CQA setup swell / temperature gauge. CQA continued Boutwell readings Lane B. CQA began Boutwell readings on Lane A. CQA continued entering readings into spreadsheets.				
Survey meeting 11:00.				
Off site 18:00.				
Field book reference nu	mbers ER-100-01 (pages 94			
REVIEWED BY:	Bryan Fritzler	REPORT BY: M. C.C.	WILD Erik Olhoffer B	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 38	
CONTRACTOR CH2M HILL Constructors, INC. DATE 9/14/01		DATE 9/14/01	DAY OF WEEK Friday	
PROJECT MANAGER Don Vernon		WEATHER 50 to 75, clear/rain overnight, wind 1 to 7mph		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CQ/	4			
DAILY COMUNICATION (PERSON/COMP Reese, (CH2M Hill), Lance I	ANY) Lex Strain, Stacey Lilya Peterson (Phenix), Kevin Harr	a, Bret Killian, Cris Duncan, (is (NorthWind)	BBWI), Brian Corb, Craig	
and 966 loaders, 2-IngRand E spreader, rotovator, Cat D6 and excavator,	se IH tractors w/ Miskin Boxes/ P DD-110 rollers, Cat CP-563C shed d D8 dozers, 2 Bell B40C 6x6 true	eps roller, 2-Cat 330BL excavato	rs, JD 450E dozer, disc, lime	
On site 7:00.	Con 1, MTI 1,			
CQA attended CQC/CQ/ progress, MTI testing Ce	neeting. Topics were safety ar A meeting. Topics included de Il 1 embankment north side, o of stockpiling of LCRS and be	nsity tests / locations evapora continued excavation of Cell 1	ation ponds fill and	
CQA observed excavation and permanent stockpile and compaction of fill place compaction west side of 1. CQA observed material	F construction activities. CQA on of Cell 1 and fill placement is. CQA observed cutting of slaced in the evaporation ponds Cell 1 embankment. CQA obsal excavated from Cell 1 being north side of Cell 1 embankment.	in the evaporation ponds area opes in Cell 1. CQA observed area. CQA observed moistur served Rad con checking mat g hauled to ash pit. CQA obse	a, LCRS/operations layer I moisture conditioning e conditioning and erial excavated from Cell	
CQA tested evaporation ponds fill for moisture and density (lift 9, S end, lift 10, N end). Density tests with moisture density gauge were to project specifications. CQA located areas tested (SGEP#372 to 393). CQA continued Boutwell readings Lanes A and B. CQA continued entering readings into spreadsheets.				
Off site 16:45.				
Field book reference numbers ER-100-01 (pages 96 to 97) and ER-102-01 (Page 49).				
REVIEWED BY:	Bryan Fritzler	REPORT BY: M. COU	Erik Olhoffer B	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 39		
CONTRACTOR CH2M HILL Constructors, INC. DATE 9/17/01		DAY OF WEEK Monday			
PROJECT MANAGER Don Vernon		WEATHER 47 to 72, clouds/rain	, wind 1 to 10 mph		
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/					
DAILY COMUNICATION (PERSON/COMP Markus Pinzel, Larry M. (BB\ Peterson (Phenix), Kevin Ha	WI), Brian Corb, Mark N., Cra	n, Craig Bean, Stacey Lilya, B ig Reese, (CH2M Hill), Lyman			
loader, 2-ingRand DD-110 rol	lers, Cat CP-563C sheeps roller,	ans (14cy), 2-H2O Trucks (4000 2-Cat 330BL excavators, JD 450 500 6x6 truck, JD 450 LC excav	DE dozer, Cat D6 and D8		
On site 7:00. CQA staff attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics included density tests / locations evaporation ponds fill and progress, continued excavation of Cell 1, continuation of Boutwell testing, and continuation of stockpiling of LCRS and bedding material. CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area, and LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed scarification and moisture conditioning of Cell 1 embankment (south side). CQA observed proofrolling along north and west sides of Cell 1 embankment. CQA tested evaporation ponds fill for moisture and density (lift 10, S end). Two density tests with moisture density gauge were below project specifications (SGEP#407 and #409). Areas were recompacted and retested to project specifications (SGEP#408 and #410). CQA located areas tested (SGEP#394 to 413). CQA began testing Cell 1 embankments for moisture and density. Density tests were to project specification (SGC1#1 to #17). CQA located areas tested. CQA continued Boutwell readings Lanes A and B. CQA continued entering readings into spreadsheets. Construction meeting 10:00 (see minutes). Off site 17:00. Field book reference numbers ER-100-01 (pages 98 to 99) and ER-102-01 (Page 50).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: 4 CO	WE Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 40	
CONTRACTOR CH2M HILL Constructors, INC.		DATE 9/18/01	DAY OF WEEK Tuesday	
PROJECT MANAGER Don Vernon		WEATHER clear AM/T-shower	PM	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CQ/	4			
DAILY COMUNICATION (PERSONCOMP, Craig Reese, Mark N., (CH2	Lex Suam, Craig Dean	, Stacey Lilya, Bret Killian, Cri ortex), Lance Peterson (Pheni		
loader, 2-IngRand DD-110 rol	lers, Cat CP-563C sheeps roller, , Cat D25D and 730 trucks, JD 2	ans (14cy), 2-H2O Trucks (4000 2-Cat 330BL excavators, JD 450 2500 6x6 truck, JD 450 LC excav	E dozer, Cat D6 and D8	
On site 7:00. CQA staff attended job meeting. Topics were safety and scope of work to be done today and work progress. CQA attended CQC/CQA meeting. Topics included density tests / locations evaporation ponds fill and progress, continued excavation of Cell 1, continuation of Boutwell testing, and continuation of stockpiling of LCRS and bedding material. CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area, and LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed scarification and moisture conditioning of Cell 1 embankment (south side). CQA observed surveyors setting controls. CQA tested evaporation ponds fill for moisture and density (lift 11, SGEP#414 to 440). Density tests were to project specifications. CQA located areas tested (SGEP#414 to 428). CQA inspected silt fences and check				
dams (areas needing repair and cleaning were reported to CH2MHill).				
Off site 17:15. Field book reference numbers ER-100-01 (pages 100 to 101) and ER-102-01 (Page 51).				
REVIEWED BY:	Bryan Fritzler	REPORT BY: M CO	MA Erik Olhoffer B	

011211.00	INEEL CERCLA	DISPOSAL FACILITY PH1	1 of 1
XATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 41
ONTRACTOR CH2M HILL Con	structors, INC.	DATE 9/19/01	DAY OF WEEK Wednesday
ROJECT MANAGER Don Vernon		WEATHER Cloudy/windy PM	-
2A MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler	
PEOF WORK Field/Soils CQ	Α		
om B., Larry M.(BBWI), Criphenix),	ANY) Lex Strain, Don Vernor aig Reese, Mark N. Mark A., (n, Craig Bean, Stacey Lilya, E CH2M Hill), Lyman Lindstran	
ader, 2-IngRand DD-110 rol	se IH tractors w/ Miskin Boxes/ P lers, Cat CP-563C sheeps roller, , Cat D25D and 730 trucks, JD 2 ntain River 2,	2-Cat 330BL excavators, JD 456	DE dozer, Cat D6 and D8
	neeting. Topics were safety ar A meeting. Topics included de		
progress, continued exce	a meeting. Topics included de avation of Cell 1, continuation atinuation of stockpiling of LCF	of Boutwell testing, surveyors	
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1 and fill placement in the evaporation ponds area, and LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds area. CQA observed scanfication, moisture conditioning, and compaction of Cell 1 embankment (south side). CQA observed surveyors setting controls.			
CQA tested evaporation ponds fill for moisture and density (lift 12, N end, SGEP#441 to 455). Density tests were to project specification. CQA located areas tested (SGEP#429 to 455). CQA continued Boutwell readings Lanes A and B. CQA continued entering readings into spreadsheets.			
Off site 20:00.			
Field book reference nur	mbers ER-100-01 (pages 102	to 103) and ER-102-01 (Pag	e 52).
REVIEWED BY:	Bryan Fritzler	REPORT BY: M. COU	WE Erik Olhoffer B

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 42
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 9/20/01	DAY OF WEEK Thursday
PROJECT MANAGER Don Vernon		weather clear	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler	
TYPE OF WORK Field/Soils CQ/	4		
DAILY COMUNICATION (PERSON/COMP. Craig Reese, Mark A., (CH2	Lex Sualli, Graig Deal	ı, Stacey Lilya, Bret Killian, Cr ortex), Lance Peterson (Pheni	
loader, 2-ingRand DD-110 roll	lers, Cat CP-563C sheeps roller,	lans (14cy), 2-H2O Trucks (4000 2-Cat 330BL excavators, JD 450 2500 6x6 truck, JD 450 LC excav	E dozer, Cat D6 and D8
CQA attended CQC/CQA progress, continued exca of stockpilling of LCRS/op CQA photographed ICDF CQA observed excavation layer stockpile. CQA obsecompaction of fill placed and compaction of Cell 1 CQA tested evaporation	A meeting. Topics included deavation of Cell 1, continuation perations material. F construction activities. CQA on of Cell 1 and fill placement erved cutting of slopes in Cell in the evaporation ponds area embankment (south side). ponds fill for moisture and deavation of cell 1.	nd scope of work to be done to ensity tests / locations evapore of Boutwell testing, fixing silt to observed water trucks water in the evaporation ponds area of 1. CQA observed moisture of a. CQA observed scarification ensity (lift 12, S end, lift 13, N experience of the company of the comp	ation ponds fill and fences, and continuation ing site for dust control. a, and LCRS/operations conditioning and moisture conditioning, end, SGEP# 456 to 473).
specification (SGEP#472 Off site 17:30.	2). CQA located areas tested	EP#471). Area was recompact (SGEP#456 to 473). to 105) and ER-102-01 (Page	
REVIEWED BY:	Bryan Fritzler	REPORT BY: the CO	OMLE Erik Olhoffer B

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 43	
CONTRACTOR CH2M HILL Constructors, INC. DATE 9/21/01		DAY OF WEEK Friday		
PROJECT MANAGER Don Vernon		WEATHER clear, 37 to 83, wind	ly PM	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CQ/	A		·	
DAILY COMUNICATION (PERSON/COMP (CH2M Hill), Lyman Lindstra	ANY) Lex Strain, Craig Bean and (Vortex), Lance Peterson	, Stacey Lilya, Bret Killian, (Bi (Phenix),	BWI), Craig Reese, Mark A.,	
loader, 2-IngRand DD-110 rol dozers, 2 Bell B40C 6x6 trucks CREW ON SITE: Phenix 18, On site 7:00. CQA staff attended job n	se IH tractors w/ Miskin Boxes/ P lers, Cat CP-563C sheeps roller, , Cat D25D and 730 trucks, JD 2 neeting. Topics were safety and A meeting. Topics included de	2-Cat 330BL excavators, JD 450 1500 6x6 truck, JD 450 LC excava	E dozer, Cat D6 and D8 ator, oday and work progress.	
progress, continued exce side Cell 1 embankment	avation of Cell 1, continuation, testing for moisture and density of LCRS/operations material	of Boutwell testing, beginning sity of south side of Cell 1 foo	of fill placement north	
CQA observed excavation layer stockpile. CQA observed embankments. CQA observed in the control of the control	F construction activities. CQA on of Cell 1 and fill placement erved the beginning of fill place erved cutting of slopes in Cell in the evaporation ponds and	in the evaporation ponds area cement on the north and west I 1. CQA observed moisture c	a, and LCRS/operations sides of Cell 1	
CQA tested evaporation ponds fill for moisture and density (lift 13, S end, SGEP# 474 to 483). Density tests were to project specifications. CQA tested south side of Cell 1 footprint for moisture and density (SGC1#18 to 24). CQA located areas tested (SGEP#474 to 483 and SGC1# 18 to 24). CQA continued Boutwell readings Lanes A and B. CQA continued entering readings into spreadsheets. CQA observed proofrolling of south side of Cell 1 footprint. No soft areas were observed.				
Off site 16:00.				
Field book reference nu	mbers ER-100-01 (pages 106	to 107) and ER-102-01 (Page	e 54).	
REVIEWED BY:	Bryan Fritzler	REPORT BY: Gr C	GWE Erik Olhoffer B	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 44		
CONTRACTOR CH2M HILL Constructors, INC.		DATE 9/24/01	DAY OF WEEK Monday		
PROJECT MANAGER Don Vernon		WEATHER clear, 39 to 88,			
caa Monitor Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
DAILY COMUNICATION (PERSON/COMP P., Torn B. (BBWI), Craig Re Criley (Vector),	ANY) Lex Strain, Cris Dunca eese, Mark A., (CH2M Hill), Ly	n, Craig Bean, Stacey Lilya, E yman Lindstrand (Vortex), Lar			
loader, 2-ingRand DD-110 rol	EQUIPMENT ON SITE: 2 -Case IH tractors w/ Miskin Boxes/ Pans (14cy), 2-H2O Trucks (4000 gal), Cat 143H grader, Cat 966 loader, 2-IngRand DD-110 rollers, Cat CP-563C sheeps roller, 2-Cat 330BL excavators, JD 450E dozer, Cat D6 and D8 dozers, 2 Bell B40C 6x6 trucks, Cat D25D and 730 trucks, JD 2500 6x6 truck, JD 450 LC excavator,				
On site 8:00.					
CQA reviewed POD and pre-job briefing. Topics were safety and scope of work to be done today. CQA discussed CQC/CQA topics with Craig R. Topics included density tests / locations evaporation pends fill, Cell 1 embankments, continued excavation of Cell 1, completion of Boutwell testing, fill placement evaporation ponds and Cell 1 embankments, and continuation of stockpiling of LCRS/operations material. CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1. CQA observed fill placement in the evaporation ponds area and Cell 1 embankments, and stockpiling on the LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds and Cell 1 areas.					
CQA staff tested evaporation ponds fill for moisture and density (lift 13, S end, lift 14, N end, SGEP# 484 to 524). Three density tests were below project specifications (SGEP#509, 511, and 521). Two areas were recompacted and retested to project specifications (SGEP#510 and 512). One area will be reworked and tested 9/25 (SGEP#521). CQA staff tested Cell 1 embankents for moisture and density (N and W sides, SGC1#25 to 41). Density tests were to project specifications. CQA located areas tested (SGEP#484 to 524 and SGC1# 25 to 41). CQA stopped Boutwell readings and made preparations for permeability sampling. CQA staff observed repairs to silt fences. CQA discussed topsoil placement on evaporation pond slopes with Craig R. (thickness will be checked by test holes).					
Off site 18:30. Field book reference numbers ER-100-01 (pages 108 to 109) and ER-102-01 (Page 55 to 56).					
REVIEWED BY: Bryan Fritzler REPORT BY: W COUNT Erik Olhoffer 3					

JOB NO. 011211.00	PROJECT NAME INSEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 45		
CONTRACTOR CH2M HILL Con	CONTRACTOR CH2M HILL Constructors, INC.		DAY OF WEEK Tuesday		
PROJECT MANAGER Don Vernon		WEATHER cloudy, 45 to 86, wind 25+ mph			
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	Α				
DAILY COMUNICATION (PERSON/COMP Corb, Craig Reese, Mark A. Wind)	rex Strakt, One Durice	n, Craig Bean, Stacey Lilya, E nd (Vortex), Lance Peterson (I			
loader, 2-ingRand DD-110 rol dozers, 2 Bell B40C 6x6 trucks	EQUIPMENT ON SITE: 2 —Case IH tractors w/ Miskin Boxes/ Pans (14cy), 2-H2O Trucks (4000 gal), Cat 143H grader, Cat 966 loader, 2-IngRand DD-110 rollers, Cat CP-563C sheeps roller, 2-Cat 330BL excavators, JD 450E dozer, Cat D6 and D8 dozers, 2 Bell B40C 6x6 trucks, Cat D25D and 730 trucks, JD 2500 6x6 truck, JD 450 LC excavator, Champion 740A grader,				
On site 7:00.					
CQA attended job meeting. Topics were safety and scope of work to be done today. CQA attended CQA/CQC meeting. Topics included density tests / locations evaporation ponds fill, Cell 1 embankments, continued excavation of Cell 1, permeability sampling of test pad, fill placement evaporation ponds and Cell 1 embankments, and continuation of stockpiling of LCRS/operations material.					
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1. CQA observed fill placement in the evaporation ponds area and Cell 1 embankments, and stockpiling on the LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed grading in the evaporation ponds. CQA observed moisture conditioning and compaction of fill placed in the evaporation ponds and Cell 1 areas.					
CQA retested SGEP#521 after area was recompacted (SGEP#535). CQA staff tested evaporation ponds fill for moisture and density (N end, S end, lift 15, SGEP# 525 to 547). Density tests were to project specifications. CQA staff tested Cell 1 embankments for moisture and density (S end, SGC1#42 to 48). Density tests were to project specifications. CQA located areas tested (SGEP#525 to 547 and SGC1# 41 to 48). CQA removed stands and burettes from Boutwells.					
Off site 18:30.					
Field book reference numbers ER-100-01 (pages 110 to 111) and ER-102-01 (Page 57).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: UN COM	Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 46		
CONTRACTOR		DATE 9/26/01	DAY OF WEEK Wednesday		
PROJECT MANAGER Don Vernon		WEATHER few clouds, 53 to 75, wind 20+ mph PM			
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ					
DAILY COMUNICATION (PERSON/COMP Corb, Craig Reese, Mark A.	ANY) Lex Strain, Cris Dunca (CH2M Hill), Lyman Lindstrar	n, Craig Bean, Stacey Lilya, E nd (Vortex), Lance Peterson (
loader, 2-ingRand DD-110 rol	H tractors w/ Miskin Boxes/ Pans lers, Cat CP-563C sheeps roller, , Cat D25D and 730 trucks, JD 2	2-Cat 330BL excavators, JD 450	E dozer, Cat D6 and D8		
On site 12:00.		•			
CQA/CQC meeting. Top continued excavation of	ng. Topics were safety and so ics included density tests / loc Cell 1, permeability sampling inuation of stockpiling of LCRS	ations evaporation ponds fill, of test pad, fill placement eva	Cell 1 embankments,		
CQA observed excavation embankments, and stock Cell 1. CQA observed gr	F construction activities. CQA on of Cell 1. CQA observed fill spiling on the LCRS/operation ading in the evaporation pond in the evaporation ponds and	placement in the evaporation s layer stockpile. CQA observed moisture s. CQA observed moisture of	n ponds area and Cell 1 yed cutting of slopes in		
tests were to project spe and pushing Shelby tube	embankments for moisture and portications. CQA located area as for permeability samples. (e, and permeability samples pi	s tested (SGC1# 49 to 65). C CQA located test pad comers,	QA began augering holes		
Off site 19:00.					
Field book reference numbers ER-100-01 (pages 112 to 113) and ER-102-01 (Page 58 to 59).					
REVIEWED BY:	David Salar	REPORT BY: IN COU	Erik Olhoffer B		

				
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 47	
CONTRACTOR CH2M HILL Con				
PROJECT MANAGER Don Vernon		WEATHER Clouds PM, 37 to 75	, wind 20+ mph	
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler		
TYPE OF WORK Field/Soils CQ/	A			
DAILY COMUNICATION (PERSON/COMP Brian Corb, Craig Reese, Ma	Lex Strain, Chis Dunca	n, Craig Bean, Stacey Lilya, E dstrand (Vortex), Lance Peter	Bret Killian, Larry M. (BBWI), rson (Phenix),	
loader, 2-ingRand DD-110 rol	lers, Cat CP-563C sheeps roller, , Cat D25D and 730 trucks, JD 2	s (14cy), 2-H2O Trucks (4000 gal 2-Cat 330BL excayators, JD 450 500 6x6 truck, JD 450 LC excay	E dozer, Cat D6 and D8	
On site 7:00.				
CQA/CQC meeting. Top continued excavation of	ics included density tests / loc Cell 1, permeability sampling ling evaporation ponds, fence	ope of work to be done today ations evaporation ponds fill a of test pad, fill placement eval placement (submittal), lift thic	and Cell 1 embankments, poration ponds and Cell 1	
CQA observed excavation embankments, and stock Cell 1. CQA observed graph compaction of fill placed	on of Cell 1. CQA observed fill kpiling on the LCRS/operation ading in the evaporation pond in the evaporation ponds and the east (more room for LCR	A observed water trucks water I placement in the evaporation is layer stockpile. CQA observed is. CQA observed moisture on I Cell 1 areas. CQA observed RS/operations stockpile). CQA	n ponds area and Cell 1 red cutting of slopes in anditioning and west side of topsoil	
CQA staff tested evaporation ponds fill for moisture and density (lift 16 and west ramp area, SGEP# 548 to 552). Density tests were to project specifications. CQA staff tested Cell 1 embankments for moisture and density (SGC1#66 to 90). One density test was below project specifications (SGC1#70). This area was recompacted and tested to project specifications (SGC1#73). CQA located areas tested (SGC1# 66 to 90, SGEP#548 to 550). CQA continued augering holes and pushing Shelby tubes for permeability and moisture samples. CQA began removing placed Shelby tubes. CQA located permeability samples placed.				
Off site 17:30.				
Field book reference nu	mbers ER-100-01 (pages 114	to 115) and ER-102-01 (Page	9 60).	
REVIEWED BY:	Brvan Fritzler	REPORT BY: GU	LA Erik Olhoffer ₵	

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	PAGE 1 of 1	
LOCATION INEEL	CLIENT BECHTEL	REPORT SEQUENCE NO. 48	
CONTRACTOR CH2M HILL CON	CTOR CH2M HILL Constructors, INC. DATE 9/28/01		
PROJECT MANAGER Don Vernon		WEATHER high clouds, 37 to 7	'5,
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler	
TYPE OF WORK Field/Soils CQ/	1		
DAILY COMUNICATION (PERSON/COMP. Craig Reese, (CH2M Hill), L	Lex Strain, Cris Duncar yman Lindstrand (Vortex), Lar	n, Craig Bean, Stacey Lilya, B nce Peterson (Phenix),	Pret Killian, Larry M. (BBWI),
loader, 2-ingRand DD-110 rol dozers, 2 Bell B40C 6x6 trucks two person auger,	H tractors w/ Miskin Boxes/ Pans lers, Cat CP-563C sheeps roller, Cat D25D and 730 trucks, JD 2	2-Cat 330BL excavators, JD 450	E dozer, Cat D6 and D8
On site 7:00.	ntain River 2,		
CQA/CQC meeting. Topic continued excavation of testing (9/27), fill placem (surveyors setting control LCRS/operations material CQA photographed ICDI CQA observed excavatic embankments, and stock Cell 1. CQA observed gr	F construction activities. CQA on of Cell 1. CQA observed fill colling on the LCRS/operation ading in the evaporation ponds and in the evaporation ponds and	ations evaporation ponds fill a of test pad (confining pressur ell 1 embankments, final gradi t), lift thickness, and continual a observed water trucks water placement in the evaporation is layer stockpile. CQA observed is. CQA observed moisture of	and Cell 1 embankments, es), Boutwell results, MTI ing evaporation ponds tion of stockpiling of ing site for dust control. a ponds area and Cell 1 red cutting of slopes in onditioning and
Density tests were to pro (SGC1#91 to 106). Dens 106). CQA completed as	ation ponds fill for moisture ar oject specifications. CQA staff sity tests were to project speci ugering holes and pushing Sh ng placed Shelby tubes. CQA	tested Cell 1 embankments fi fications. CQA located areas elby tubes for permeability an	or moisture and density tested (SGC1# 91 to d moisture samples.
Off site 17:30. Field book reference nu	mbers ER-100-01 (pages 116	to 117) and ER-102-01 (Pag	∌ 61).
REVIEWED BY:	Bryan Fritzler	REPORT BY: M. C.C.	WA Erik Olhoffer B

PROJECT NAME INJECT CERCIA DISPOSAL FACILITY PLUI PAGE 1 of 1

011211.00	INEEL CERCLA	DISPOSAL FACILITY PH1	1 of 1		
LOCATION INEEL	CUENT BECHTEL		REPORT SEQUENCE NO. 49		
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 10/01/01	DAY OF WEEK Monday		
PROJECT MANAGER Don Vernon		weather clear, 41 to 83,			
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	Α				
DAILY COMUNICATION (PERSONCOMP Bob Thompson, Markus Pin: (Vortex), Lance Peterson (P	zel, (BBWI), Brian Corb, Craig	n, Craig Bean, Stacey Lilya, E g Reese, Mark Allen,(CH2M F			
loader, 2-IngRand DD-110 rol	•	2-Cat 330BL excavators, Cat D6	5, D4, and D8 dozers, 2 Bell		
On site 7:30.	(III)				
CQA attended job meeting. Topics were safety and scope of work to be done today. CQA attended CQA/CQC meeting. Topics included density tests / locations and Cell 1 embankments, continued excavation of Cell 1, test pits in test pad, fill placement Cell 1 embankments, final grading evaporation ponds, haul to fly ash pit, beginning of fence placement (temporary fence, augering, locating fiber optics), lift thickness, and continuation of stockpiling of LCRS/operations material.					
CQA observed excavation the LCRS/operations the evaporation ponds. (embankment areas. CQ. placement (silty material	CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1. CQA observed fill placement in the Cell 1 embankments, and stockpiling on the LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed grading in the evaporation ponds. CQA observed moisture conditioning and compaction of fill placed in the Cell 1 embankment areas. CQA observed east side embankment footprint of Cell 1 being made ready for fill placement (silty material being hauled to permanent stockpile). CQA observed tarps being removed from test pad. CQA observed temporary fence placement, augering holes for permanent fence, and pot holing for fiber				
CQA staff tested Cell 1 embankments for moisture and density (SGC1#107 to 120). Density tests were to project specifications. CQA located areas tested (SGC1# 107 to 120). CQA directed and observed contractor digging test pits in clay liner test pad. Four test pits dug (2 each lane) completely through test pad. CQA observed desiccation from 4" to 12" and no defined layers from lift placement were noticeable.					
Construction meeting 10):00 (see minutes).				
Off site 18:00.	Off site 18:00.				
Field book reference numbers ER-100-01 (pages 118 to 120) and ER-102-01 (Page 62).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: COU	Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 50		
CONTRACTOR CH2M HILL CON	structors, INC.	DATE 10/02/01	DAY OF WEEK Tuesday		
PROJECT MANAGER Don Vernon		WEATHER clear AM, clouds PM	M, 41 to 79,		
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
DAILY COMUNICATION (PERSON/COMP Bob Sutherlin, (BBWI), Brian Peterson (Phenix),	Ons Duncan, Orang De	an, Stacey Lilya, Bret Killian, len,(CH2M Hill), Lyman Lindst	Larry M., Markus Pinzel, rand (Vortex), Lance		
loader, 2-ingRand DD-110 rol B40C 6x6 trucks, Cat D25D an backhoe, Cat TH63 forklift, Cat	lers, Cat CP-563C sheeps roller, d 730 trucks, JD 2500 6x6 truck 302.5 auger,	s (14cy), 2-H2O Trucks (4000 gai 2-Cat 330BL excavators, Cat D6 , JD 450 LC excavator, Champic	, D4, and D8 dozers, 2 Bell		
On site 7:30.	tinental Steel 7, Mountain River	2,			
CQA/CQC meeting. Top of Cell 1, fill placement C evaporation pond slopes placement (temporary fe	CQA attended job meeting. Topics were safety and scope of work to be done today. CQA attended CQA/CQC meeting. Topics included density tests / locations and Cell 1 embankments, continued excavation of Cell 1, fill placement Cell 1 embankments, final grading evaporation ponds, placement of topsoil on evaporation pond slopes, removal of silty material from east side Cell 1 footprint, continuation of fence placement (temporary fence, augering, materials arriving), lift thickness, test pad removal, and continuation of stockpiling of LCRS/operations material.				
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1. CQA observed fill placement in the Cell 1 embankments, and stockpiling on the LCRS/operations layer stockpile. CQA observed cutting of slopes in Cell 1. CQA observed grading/trackwalking in the evaporation ponds. CQA observed topsoil placement on evaporation pond outside slopes. CQA observed moisture conditioning and compaction of fill placed in the Cell 1 embankment areas. CQA observed east side embankment footprint of Cell 1 being made ready for fill placement (silty material excavated being hauled to permanent stockpile, existing soil being moisture conditioned and compacted). CQA observed temporary fence placement, augering holes for permanent fence, and material arrival. CQA observed Boutwells being removed from test pad and stockpiling of test pad material (test pad removed). CQA observed surveyor on site setting controls.					
CQA staff tested Cell 1 embankments for moisture and density (SGC1#121 to 154). Density tests were to project specifications. CQA located areas tested (SGC1# 121 to 154). CQA staff observed unloading of fencing materials. CQA staff received survey data of test pad from BBWI surveyor.					
Off site 18:00.					
Field book reference numbers ER-100-01 (pages 121 to 122) and ER-102-01 (Page 63 to 64).					
REVIEWED BY:	Bryan Fritzler	REPORT BY: UN COL	WA Erik Olhoffer B		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 51
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 10/03/01	DAY OF WEEK Wednesday
PROJECT MANAGER Don Vernon		weather clear AM, clouds PM	<i>I</i> , 41 to 75,
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler	
TYPE OF WORK Field/Soils CQ/	4		
DAILY COMUNICATION (PERSON/COMP. (BBWI), Brian Corb, Craig R	Cita Dulloan, Craig be	an, Stacey Lilya, Bret Killian, , Lyman Lindstrand (Vortex),	
loader, 2-ingRand DD-110 rol B40C 6x6 trucks, Cat D25D and backhoe, Cat TH63 forklift, Cat	lers, Cat CP-563C sheeps roller, d 730 trucks, JD 2500 6x6 truck	s (14cy), 2-H2O Trucks (4000 gai 2-Cat 330BL excavators, Cat D6 , JD 450 LC excavator, Champio	i, D4, and D8 dozers, 2 Bell
On site 7:30.			
CQA/CQC meeting. Top of Cell 1, fill placement C side), final grading evapor	ics included density tests / loc cell 1 embankments (lift thickro pration ponds (red tops), plac cement (temporary fence, au	cope of work to be done today cations and Cell 1 embankment ness), testing and proof rolling ement of topsoil on evaporation gering, fence post placement)	nts, continued excavation Cell 1 footprint (east on pond slopes,
CQA observed excavation on the LCRS/operations grading/trackwalking in toutside slopes and also compaction of fill placed Cell 1 being made ready existing soil being moisting soil being soil b	on of Cell 1. CQA observed fill layer stockpile. CQA observed the evaporation ponds. CQA of being hauled to permanent st in the Cell 1 embankment and of fill placement (silty mater ure conditioned and compacte	A observed water trucks water il placement in the Cell 1 emba ed cutting of slopes in Cell 1. (observed topsoil placement or tockpile. CQA observed moist eas. CQA observed east side ial excavated being hauled to ed). CQA observed temporary placement (concrete). CQA ob	ankments, and stockpiling CQA observed evaporation pond ure conditioning and embankment footprint of permanent stockpile, fence placement,
Density tests were to pre	oject specifications. CQA loca ction (placement of fencing po	ade for moisture and density (ated areas tested (SGC1# 155 osts in concrete). CQA observ	to 188). CQA staff
Off site 18:00.			
Field book reference nu	mbers ER-100-01 (pages 123	3 to 124) and ER-102-01 (Pag	e 65).
DEVIEWED BY	Royan Fritzler	REPORT BY: MY CILL	Erik Olhoffer B

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 52		
CONTRACTOR CH2M HILL Con	structors, INC.	DATE 10/04/01	DAY OF WEEK Thursday		
PROJECT MANAGER Don Vernon		WEATHER clouds 40 to 65,			
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	4				
DAILY COMUNICATION (PERSON/COMP Markus Pinzel, (BBWI), Mar Lance Peterson (Phenix),	^{ANY)} Cris Duncan, Craig Bea k N., Brian Corb, Craig Reese	an, Stacey Lilya, Bret Killian, , Mark Allen,(CH2M Hill), Lyn	• • •		
toader, 2-lngRand DD-110 rol B40C 6x6 trucks, Cat D25D an backhoe, Cat TH63 forklift, Cat		2-Cat 330Bt excavators, Cat D6 JD 450 LC excavator, Champio	, D4, and D8 dozers, 2 Bell		
On site 7:30.	tinental Steel 7, Mountain River 2	, MTI 1,			
CQA attended CQA/CQ0 continued excavation of 4924, CID), confining pre evaporation pond slopes	CQA attended job meeting. Topics were safety and scope of work to be done today. Safety stand down. CQA attended CQA/CQC meeting. Topics included density tests / locations and Cell 1 embankments, continued excavation of Cell 1, fill placement Cell 1 embankments (6' lift thickness, crest pad building at ele. 4924, CID), confining pressures of perms, final grading evaporation ponds (red tops), placement of topsoil on evaporation pond slopes, continuation of fence placement (temporary fence, augering, fence post placement), and continuation of stockpiling of LCRS/operations material.				
CQA photographed ICDF construction activities. CQA observed water trucks watering site for dust control. CQA observed excavation of Cell 1. CQA observed fill placement in the Cell 1 embankments. CQA observed cutting of slopes in Cell 1. CQA observed topsoil placement on evaporation pond outside slopes. CQA observed moisture conditioning and compaction of fill placed in the Cell 1 embankment areas. CQA observed temporary fence placement, augering holes for permanent fence, and fence post placement (concrete). CQA observed surveyor on site setting controls.					
CQA staff tested Cell 1 embankments for moisture and density (SGC1#189 to 200). Density tests were to project specifications. CQA located areas tested (SGC1# 189 to 195). CQA staff observed fence construction (placement of fencing posts, spacing). CQA m delivering permeability samples to Vector's Lab over weekend.					
CQAm off site 15:00. CO	QA staff off site 17:30.		·		
Field book reference numbers ER-100-01 (pages 125 to 127) and ER-102-01 (Page 66).					
		1 2 2 2 2 2	//^		
REVIEWED BY:	Bryan Fritzler	REPORT BY: MACCINA	Erik Olhoffer B		

Appendix B-2 Weekly Construction Reports

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 4		
CONTRACTOR CH2M Hill Constr	ructors, Inc.	DATE 8/13/01 to 8/17/01	DAY OF WEEK N/A		
PROJECT MANAGER Don Vernon		WEATHER See below.			
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler			
TYPE WORK					
COMUNICATION (PERSONS/COMPANY) Brian Fritzler (Vector), Don Vemon, Lex Strain, Tom Borschel, Craig Bean, Bret Killian, Stacey Lilya, Dave Miller, Cris Duncan, Larry McM, Markus Pinzel, (BBWI), Brian Corb, Craig Reese, Mark Nielsen, Mark Allen, (CH2M Hill), Lyman Lindstrand (Vortex), Lance Peterson (Phenix), Brodie Adams (Montgomery-Watson), Bob Sutherlin,					
EQUIPMENT USED/ON SITE: 5-Case IH tractors w/ Miskin Boxes/ Pans (14cy), 3-H2O Trucks (4000 gal), Cat 143H motor grader, Cat 950 and 966 loaders, IngRand DD-110 Drum roller, Cat CP-563C sheepsfoot roller, Cat 330BL Excavator, John Deere 450E, disc, lime spreader, feed bin, fertilizer/seed spreader, rotovator, Cat 815F and 825G compactors, Case 7220 tractor, Cat TH63 forklift, Cat D6 dozer, Champion 740A grader, 2 end dumps (10 wheel and semi), 2 Bell B40C 6x6 trucks, JD450 LC excavator CREW ON SITE: Phenix 18. Mountain River 2. Rad Con 1, Rad Survey 4.					
Phenix 10, Mountain River 2, Rad Con 1, Rad Survey 4.					

CQA observed the continuation of work on ICDF and Rye Grass Flats areas. This included the continued placement of temporary fencing and signage, continued stripping of work areas, continued grading, placement of silt fences, placement of straw bale check dams, and continued dust control of the ICDF and Rye Grass flats sites. CQA observed the moisture conditioning, compaction, and proof rolling in the evaporation ponds area (sub-grade). CQA observed the beginning of fill placement in the evaporation ponds area. CQA observed the completion of lift placement and compaction on the test pad area (sub-grade only). CQA observed the continuation of excavation in the Cell 1 area. CQA observed the beginning of cutting of slopes in the Cell 1 area. CQA observed placement of control stakes in the Cell 1, evaporation ponds, test pad, mixing, and conditioning areas. CQA observed the continuation of excavation in the Rye Grass Flats area and beginning of hauling to ICDF of clay liner soils. CQA observed the stockpiling of clay liner soils. CQA observed the beginning of moisture conditioning and application of bentonite to clay liner soils in the ICDF area (mixing table).

CQA photographing sites and work on a daily basis. CQA continuing the sampling and testing of site soils as per 4.3.2.3 of the CQA plan. CQA completed testing the evaporation ponds sub-grade for moisture and density. Density tests taken were to project specifications. CQA completed testing of evaporation ponds sub-grade for moisture and density. Density tests taken were to project specifications. CQA observed proof rolling in the evaporation ponds area (no soft areas observed). CQA observed delivery of 17 super sacks of bentonite. CQA reviewed and approved bentonite submittals. CQA sampled clay liner soils and observed and documented bentonite application.

Rad Con on site on a daily basis (insitu survey in progress).

Daily safety and construction meetings held each morning prior to start of work.

Weather: No construction delay due to weather.

CQA attended bi-weekly construction meeting on 8/13.

i						5.
R	EVIEWED BY: Bryan	Fritzler REP	ORT BY: 170	Coyle	Erik Olhoffer ()

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 5			
CONTRACTOR CH2M Hill Constructors, Inc. DATE 8/20/01 to 8/24/01			DAY OF WEEK N/A			
PROJECT MANAGER Don Vernon		WEATHER See below.				
COA MONITOR Erik Olhoffer		coa engineer Bryan Fritzler				
TYPE OF WORK Field/Soils CQ/	4					
Curtis Reay, (BBWI), Brian (Brian Fritzler (Vector), Don t Killian, Stacey Lilya, Dave M Corb, Craig Reese, Mark Niels rodie Adams (Montgomery-W	sen, Mark Allen, (CH2M Hill),	lanamon, Markus Pinzel,			
950 and 966 loaders, IngRand disc, lime spreader, feed bin, fe	H tractors w/ Miskin Boxes/ Par d DD-110 Drum roller, Cat CP-56 ritilizer/seed spreader, rotovator, n 740A grader, 2 end dumps (10	3C sheepsfoot roller, Cat 330BL Cat 815F and 825G compactors	Excavator, John Deere 450E, , Case 7220 tractor, Cat TH63			
CREW ON SITE: Phenix 19, Mour	ntain River 2, Rad Con 1,					
of fill placement in the evarea (material placed in cutting of slopes in the Coponds areas. CQA obserbauling to ICDF of clay licontinuation of moisture table). CQA observed the	nuation of work on ICDF and I raporation ponds area. CQA opermanent stockpile and evapuell 1 area. CQA observed planded the continuation of excavaner soils. CQA observed the conditioning and application of e beginning of lift placement a collection and stockpiling of grage placed).	bbserved the continuation of e coration ponds). CQA observed cement of control stakes in the ration in the Rye Grass Flats stockpiling of clay liner soils. Of bentonite to clay liner soils and compaction on the test pa	excavation in the Cell 1 and the continuation of the Cell 1 and evaporation area and continuation of CQA observed the in the ICDF area (mixing and area (bentonite clay			
4.3.2.3 of the CQA plan. were to project specifica application as per 4.4.4.	work on a daily basis. CQA c CQA tested fill in the evapora tions. CQA sampled clay liner 1.1 of CQA plan. CQA tested of CQA plan. Completed lifts	ation ponds area for moisture r soils and observed and docu lifts placed on clay liner test p	and density. Density tests umented bentonite pad for moisture and			
Rad Con on site on a da	ily basis.					
Daily safety and constru	ction meetings held each mor	ning prior to start of work.				
Weather: No construction	Weather: No construction delay due to weather.					
CQA attended CQA / CQC construction meeting on 8/20.						
			A			
REVIEWED BY:	Bryan Fritzler	REPORT BY A. CU	Frik Olhoffer			

		OTROOTION TROOP				
JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1			
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 6			
CONTRACTOR CH2M Hill Constr	uctors, Inc.	DATE 8/27/01 to 8/31/01	DAY OF WEEK N/A			
PROJECT MANAGER Don Vernon		WEATHER See below.				
CQA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler				
TYPE OF WORK Field/Soils CQ/	4					
	Brian Fritzler, (Vector), Don arry McManamon, Markus Pin d2M Hill), Lyman Lindstrand (\	zel, (BBWI), Brian Corb, Crai				
950 and 966 loaders, IngRand 450E, disc, lime spreader, rotor dozers, Champion 740A grader	EQUIPMENT USED/ON SITE: 5-Case IH tractors w/ Miskin Boxes/ Pans (14cy), 2-H2O Trucks (4000 gal), Cat 143H motor grader, Cat 950 and 966 loaders, IngRand DD-110 Drum roller, Cat CP-563C sheepsfoot roller, 2-Cat 330BL excavators, John Deere 450E, disc, lime spreader, rotovator, Cat 815F and 825G compactors, Case 7220 tractor, Cat TH63 forklift, Cat D6 and D8 dozers, Champion 740A grader, 2 end dumps (10 wheel and semi), 2 Bell B40C 6x6 trucks, Cat D25D and 730 trucks, JD450 LC excavator, White Field Boss 2-85 tractor					
CREW ON SITE: Phenix 18, Mour	ntain River 2, Rad Con 1, Rad Su	rvey 2,				
CQA observed the continuation of work on ICDF and Rye Grass Flats areas. CQA observed the continuation of fill placement in the evaporation ponds area. CQA observed the continuation of excavation in the Cell 1 area (material placed in permanent stockpile, LCRS / operations stockpile, and evaporation ponds). CQA observed the continuation of cutting of slopes in the Cell 1 area. CQA observed placement of control stakes in the Cell 1 and evaporation ponds areas. CQA observed the continuation of excavation in the Rye Grass Flats area and continuation of hauling to ICDF of clay liner soils. CQA observed the stockpiling of clay liner soils. CQA observed the continuation of moisture conditioning and application of bentonite to clay liner soils in the ICDF area (mixing table). CQA observed the continuation of lift placement and compaction on the test pad area (bentonite clay liner). CQA observed cover soil being placed over Rad stockpile (stockpile fenced and signage placed). CQA photographing site work on a daily basis. CQA continuing the sampling and testing of site soils as per 4.3.2.3 of the CQA plan. CQA tested fill in the evaporation ponds area for moisture and density. Completed density tests were to project specifications, CQA sampled clay liner soils and observed and documented bentonite application as per 4.4.4.1.1 of CQA plan. CQA tested lifts placed on clay liner test pad for moisture and density as per 4.4.4.1.1 of CQA plan. Completed lifts were to project specifications. Test pad construction complete.						
Rad Con on site on a da	Rad Con on site on a daily basis.					
Daily safety and constru	Daily safety and construction meetings held each morning prior to start of work.					
Weather: No construction	n delay due to weather.					
CQA attended CQA / CQC construction meeting on 8/29.						
REVIEWED BY:	Bryan Fritzler	REPORT BY: M.C.C.	Erik Olhoffer			

^{JOB NO.} 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 7		
CONTRACTOR CH2M Hill Constr	uctors, Inc.	DATE 9/4/01 to 9/7/01	DAY OF WEEK N/A		
PROJECT MANAGER Don Vernon		WEATHER See below.			
COAMONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
WORK					
Brian Corb, Craig Reese, Ma	lya, Russ Jones, Dave Miller, ark Nielsen, Mark Allen, Jay I	/ector), Don Vernon, Lex Stra Cris Duncan, Larry McManar Dehner, (CH2M Hill), Lyman L omery-Watson), Dan Kenned	non, Markus Pinzel, (BBWI), indstrand (Vortex), Lance		
and 966 loaders, 2-IngRand D	D-110 Drum rollers, Cat CP-563	ns (14cy), 2-H2O Trucks (4000 g C sheepsfoot roller, 2-Cat 330Bl 3ell B40C 6x6 trucks, Cat D25D a	_excavators, John Deere 450E		
crew on site: Phenix 21, Mour	ntain River 2, Rad Con 1,				
evaporation ponds area. permanent stockpile, LCI of cutting of slopes in the evaporation ponds areas site). CQA photographing site CQA plan. CQA tested file	CQA observed the continuati RS / operations stockpile, and Cell 1 area. CQA observed p CQA observed the placeme work. CQA continuing the sall in the evaporation ponds ar	CQA observed the continuation of excavation in the Cell 1 devaporation ponds). CQA of placement of control stakes in the cell fence around site (stappling and testing of site soils as for moisture and density. Of Boutwells in clay liner test	area (material placed in oserved the continuation the Cell 1 and ockpiles and SE corner of as per 4.3.2.3 of the completed density tests		
	were to project specifications. CQA began placement of Boutwells in clay liner test pad. Rad Con on site on a daily basis.				
Daily safety and construc	ction meetings held each mor	ning prior to start of work.			
Weather: Construction d	elay due to weather on 9/5 (w	rind).			
CQA attended test pad construction review meeting on 9/6.					
REVIEWED BY:	Bryan Fritzler	REPORT BY: Mr C U	Mc Erik Olhoffer		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 8
CONTRACTOR CH2M Hill Constr	uctors, Inc.	DATE 9/10/01 to 9/14/01	DAY OF WEEK N/A
PROJECT MANAGER Don Vernon		WEATHER See below.	
CQA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler	
TYPE OF WORK Field/Soils CQ/	1		
	ya, Dave Miller, Cris Duncan	rector), Don Vernon, Tom Bor Larry McManamon, Markus an Lindstrand (Vortex), Lance	Pinzel, (BBWI), Brian Corb,
and 966 loaders, 2-IngRand D	D-110 Drum rollers, Cat CP-563	ns (14cy), 2-H2O Trucks (4000 ç C sheepsfoot roller, 2-Cat 330Bl Bell B40C 6x6 trucks, Cat D25D a	. excavators, John Deere 450E
crew on site: Phenix 21, Mour	ntain River 2, Rad Con 1, MTi 1,		
continuation of cutting of and compaction of Cell 1 Cell 1 and evaporation p for cover material. CQA photographing site CQA plan. CQA tested fi were to project specifical	slopes in the Cell 1 area. CQ embankment areas (MTI tes onds areas. CQA observed m work. CQA continuing the sall in the evaporation ponds artions. CQA completed placem	and evaporation ponds). CQA A observed the scarification, ting). CQA observed placeme eaterial from Cell 1 excavation mpling and testing of site soils ea for moisture and density. Cell tent of Boutwells in clay liner	moisture conditioning, ant of control stakes in the a being hauled to ash pit as as per 4.3.2.3 of the Completed density tests
taking permeability readi	•		
Rad Con on site on a da	ily basis. ction meetings held each mor	ning prior to start of work	
Weather: Construction h	•	THING PHOT TO STAIL OF WORK.	
CQA attended survey m	•		
REVIEWED BY:	D	REPORT BY: M. CC	₩ Erik Olhoffer

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1		PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 9		
CONTRACTOR CH2M Hill Constructors, Inc.		DATE 9/17/01 to 9/21/01	DAY OF WEEK N/A		
PROJECT MANAGER Don Vernon		WEATHER See below.			
CQA MONITOR Erik Olhoffer		CQA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQA					
	iya, Cris Duncan, Larry McMa	/ector), Don Vernon, Tom Bor Inamon, Markus Pinzel, (BBW (Vortex), Lance Peterson (Ph	/I), Brian Corb, Craig Reese,		
loader, 2-IngRand DD-110 Dn	um rollers, Cat CP-563C sheeps: 6x6 trucks, Cat D25D and 730	ns (14cy), 2-H2O Trucks (4000 g foot roller, 2-Cat 330BL excavato trucks, JD 2500 6x6 truck, JD450	rs, John Deere 450E dozer, Cat		
the evaporation ponds are in permanent stockpile, L continuation of cutting of and compaction of Cell 1 soft areas observed). CC	rea. CQA observed the continuers. CRS / operations stockpile, a slopes in the Cell 1 area. CQ embankment areas. CQA ob	rea. CQA observed the continuation of excavation in the Ce and evaporation ponds). CQA A observed the scarification, eserved proofrolling of Cell 1 e fill placement for the Cell 1 er d evaporation ponds areas.	ell 1 area (material placed observed the moisture conditioning, embankment areas (no		
CQA photographing site work. CQA continuing the sampling and testing of site soils as per 4.3.2.3 of the CQA plan. CQA tested fill in the evaporation ponds area for moisture and density. CQA tested existing grade and fill placed in the Cell 1 embankment areas for moisture and density. Completed density tests were to project specifications. CQA continued taking permeability readings of Boutwells. CQA inspected silt fences and check dams.					
Daily safety and construction meetings held each morning prior to start of work.					
Weather: No construction delays due to weather.					
CQA attended construction meeting on 9/17.					
REVIEWED BY:	Bryan Fritzler	REPORT BY: 12 CU	MA Erik Olhoffer		

JOB NO. 011211.00	PROJECT NAME INEEL CERCLA	DISPOSAL FACILITY PH1	PAGE 1 of 1		
LOCATION INEEL	CLIENT BECHTEL		REPORT SEQUENCE NO. 10		
CONTRACTOR CH2M Hill Constructors, Inc.		DATE 9/24/01 to 9/28/01	DAY OF WEEK N/A		
PROJECT MANAGER Don Vernon		WEATHER See below.			
COA MONITOR Erik Olhoffer		COA ENGINEER Bryan Fritzler			
TYPE OF WORK Field/Soils CQ/	A				
	arry McManamon, Markus Pi	/ector), Tom Borschel, Lex St inzel, (BBWI), Brian Corb, Cra (Phenix), Kevin Harris, (North	ig Reese, Mark Allen,		
loader, 2-ingRand DD-110 Dn D6 and D8 dozers, 2 Bell B400 grader, two person auger,	um rollers, Cat CP-563C sheeps 66x6 trucks, Cat D25D and 730	Pans (14cy), 2-H2O Trucks (4000 foot roller, 2-Cat 330BL excavato trucks, JD 2500 6x6 truck, JD450	ors, John Deere 450E dozer, Cat		
Phenix 23, Mour	ntain River 2, MTI 1, Northwind 2				
and grading in the evapo (material placed in perma observed the continuatio placement for the Cell 1 evaporation ponds areas	oration ponds area. CQA obse anent stockpile, LCRS / opera on of cutting of slopes in the C embankments. CQA observe	area. CQA observed the continuation of excalations stockpile, Cell 1, and excell 1 area. CQA observed the discement of control stakes avated from Cell 1 being haulsity.	vation in the Cell 1 area vaporation ponds). CQA continuation of fill in the Cell 1 and		
4.3.2.3 of the CQA plan. tested fill placed in the C project specifications. CG stands. CQA sampled fo	CQA tested fill placed in the cell 1 embankment areas for r QA completed taking permeal	ntinuing the sampling and testi evaporation ponds area for m moisture and density. Complet bility readings of Boutwells. Cound each Boutwell (3 each). nits of test pad.	oisture and density. CQA ted density tests were to QA removed Boutwell		
Daily safety and construction meetings held each morning prior to start of work.					
Weather: No construction delays due to weather.					
REVIEWED BY:	Paga Fritzler	REPORT BY: 1/1 CU	1/16 Erik Olhoffer		

CLIENT BECHTEL CLIENT BECHTEL CLIENT BECHTEL CLIENT BECHTEL DATE 10/1/01 to 10/4/01 DAY OF WEEK N/A CARDAMER See below. CARDAMER See below. CARDAMER Bryan Fritzler CARDAMER CARDAMER CARDAMER Bryan Fritzler CARDAMER CARDAMER CARDAMER Bryan Fritzler CARDAMER CARDAMER CARDAME	^{38 NO.} 011211.00	l .		PAGE 1 of 1	
DATE 10/1/01 to 10/4/01 DAY OF WEEK N/A ROJECT MANAGER DON VERTION MEATHER See below. CALENGINEER Bryan Fritzler FEOFWORK Field/Soils CQA CMUNICATION (PERSONS/COMPANY) Brian Fritzler, Ken Criley, (Vector), Tom Borschel, Lex Strain, Craig Bean, Bob hompson, Bret Killian, Stacey Lilya, Cris Duncan, Larry McManamon, Markus Pinzel, Bob Sutherlin, (BBWI), Bricoth, Craig Reese, Mark Allen, Mark Nielsen, (CH2M Hill), Lyman Lindstrand (Vortex), Lance Peterson (Phenix), evin Harris, (Northwind), QUIPMENT USEDION SITE: 2-Case IH tractors w/ Miskin Boxes / Pans (14cy), 2-H2O Trucks (4000 gal), Cat 143H grader, Cat 9 adder, 2-IngRand DD-110 Drum rollers, Cat CP-583C sheepsfoot roller, 2-Cat 330BL excavators, John Deere 450E dozer, M, D6, and D8 dozers, 2 Bell B40C 664 trucks, Cat D250 and 730 trucks, JD 2500 6x6 truck, JD450 LC excavator, Champid 40A grader, JCB 214 backhoe, Cat TH63 forklift, Cat 302.5 auger. REW ON SITE: Phenix 23, Continental Steel 7, Mountain River 2, MTI 1, CQA observed the continuation of work on the ICDF area. CQA observed the continuation of cutting of slopes in the Cell 1 area (material placed in permanent stockpile, LCRS / operations stockpile, and Cell 1). CQA observed the continuation of cutting of slopes in the Cell 1 area. CQA observed the continuation of till placement for the Cell membankments. CQA observed the scarification, moisture conditioning, and compaction of Cell 1 embankment areas (East side). CQA observed the erroy and permanent fencing. CQA observed the removal of Boutwells from and the stockpiling of clay liner material from the test pad. CQA observed the removal of Boutwells from and the stockpiling of clay liner material from the test pad. CQA observed the removal of Boutwells from and the stockpiling and testing of site soils as per 4.3.2.3 of the CQA plan. CQA tested existing grade and fill placed in the Cell 1 embankment areas for moisture and density. CQA observed the scray of the cQA plan. CQA tested existing grade and fill placed in the Cell 1 embankment areas		PROJECT NAME INEEL CERCLA DISPOSAL FACILITY PH1			
ROJECT MANAGER DON Vermon WEATHER See below. COA ENGINEER Bryan Fritzler COA ENGINEER ENGINEE			DATE 10/1/01 to 10/4/01	DAY OF WEEK	
CQA ENGINEER Bryan Fritzler CQA ENGINEER Bryan Fritzler CQA ENGINEER Bryan Fritzler CQA ENGINEER Bryan Fritzler CAA ENGINEER CAA ENGINEER CAA ENGINEER Bryan Fritzler CAA ENGINEER CAA ENGI			MEATIES	MEATURE (MEATURE)	
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